Works Consulted

Ablon, Lillian and Andy Bogart, Zero-days, Thousands of Nights: The Life and Times of Zero-Day Vulnerabilities and Their Exploits. RAND Corporation, 2017. https://www.rand.org/pubs/research\_reports/RR1751.html

Ackerman, Spencer and Dominic Rushe, “Microsoft, Facebook, Google and Yahoo release US Surveillance requests,” *The Guardian*, Feb. 3, 2014. https://www.theguardian.com/world/2014/feb/03/microsoft-facebook-google-yahoo-fisa-surveillance-requests

ACM-ICPC International Collegiate Programming 2019 Contest; https://icpc.baylor.edu/worldfinals/results

Ahmed, Azam and Nicole Perlroth, “Spyware Meant to Foil Crime Is Trained on Mexico’s Critics,” *The New York Times*. June 19, 2017, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2017/06/19/world/americas/mexico-spyware-anticrime.html

——. “Using Texts as Lures, Government Spyware Targets Mexican Journalists and Their Families,” *The New York Times*, Jun 19, 2017. https://www.nytimes.com/2017/06/19/world/americas/mexico-spyware-anticrime.html

Ahmed, Azam. “Mexican President Says Government Acquired Spyware but Denies Misuse,” *The New York Times*, June, 22, 2017. https://www.nytimes.com/2017/06/22/world/americas/mexico-pena-nieto-hacking-pegasus.html

Albright, David, Andrea Stricker, and Christina Walrond. “IAEA Iran Safeguards Report: Shutdown of Enrichment at Natanz Result of Stuxnet Virus?” Institute for Science and International Security Report, Nov. 23, 2010.

Albright, David, Paul Brannan and Christina Walrond. “Did Stuxnet Take Out 1,000 Centrifuges at the Natanz Enrichment Plant?” Institute for Science and International Security, Preliminary Assessment, December 22, 2010.

Amnesty International, “UAE: Activist Ahmed Mansoor Sentenced to 10 years in prison for social media posts,” May 31, 2018. https://www.amnesty.org/en/latest/news/2018/05/uae-activist-ahmed-mansoor-sentenced-to-10-years-in-prison-for-social-media-posts/

Amnesty International, January 2014 Media Briefing, amnesty.org/download/Documents/8000/eur460012014en.pdf

Amidror, Maj. Gen. Yaakov and Brig. Gen. Yossi Kupperwasser. “The US National Intelligence Estimate on Iran and Its Aftermath: A Roundtable of Israeli Experts,” Jerusalem Center for Public Affairs, 2008. https://jcpa.org/article/the-u-s-national-intelligence-estimate-on-iran-and-its-aftermath-a-roundtable-of-israeli-experts-3/

Anderson, James P. “Computer Security Technology Planning Study, Vol. I.” Deputy for Command and Management Systems HQ Electronic Systems Division, October 1972. https://csrc.nist.gov/csrc/media/publications/conference-paper/1998/10/08/proceedings-of-the-21st-nissc-1998/documents/early-cs-papers/ande72a.pdf

Anderson, Jon Lee. “The Most Failed State,” *The New Yorker*, Dec. 7, 2009. https://www.newyorker.com/magazine/2009/12/14/the-most-failed-state

Anderson, Nick. “First Lady Urges Fathers Worldwide to Join ‘Struggle’ for Girls’ Education,” *The Washington Post*, Nov. 4, 2015. https://www.washingtonpost.com/politics/first-lady-urges-arab-world-fathers-to-join-struggle-for-girls-education/2015/11/04/c5927302-82eb-11e5-a7ca-6ab6ec20f839\_story.html

Angwin, Julia and Charlie Savage, Jeff Larson, Henrik Moltke, Laura Poitras and James Risen, “AT&T Helped U.S. Spy on Internet on a Vast Scale,” *The New York Times*, Aug. 16, 2015, Section A, Page 1. Accessed on Feb.4, 2020. https://www.nytimes.com/2015/08/16/us/politics/att-helped-nsa-spy-on-an-array-of-internet-traffic.html?\_r=0

Ann-King, Chloe. “‘We Never Thought We’d be Believed’: Inside the Decade-Long Fight to Expose Morgan Marquis-Boire,” *The Verge*, Nov. 29, 2017. Accessed on Mar. 10, 2020. https://www.theverge.com/2017/11/29/16715018/morgan-marquis-boire-sexual-assault-citizen-lab-toronto-cybersecurity

Appelbaum, Jacob, Aaron Gibson, Claudio Guarnieri, Andy Muller-Maguhn, Laura Poitras, Marcel Rosenbach, Leif Ryge, Hilmar Schmundt, and Michael Sontheimer. “NSA Preps For Future Battle,” Der Spiegel, Jan. 17, 2015. https://www.spiegel.de/international/world/new-snowden-docs-indicate-scope-of-nsa-preparations-for-cyber-battle-a-1013409.html

Appelbaum, Jacob, Judith Horchert and Christian Stöcker. “Catalog Advertises NSA Toolbox,” Spiegel International. Dec. 29, 2013. Accessed on Feb. 8, 2020. https://www.spiegel.de/international/world/catalog-reveals-nsa-has-back-doors-for-numerous-devices-a-940994.html

Apple Press Release Introducing Siri, Oct. 4, 2011 https://www.apple.com/newsroom/2011/10/04Apple-Launches-iPhone-4S-iOS-5-iCloud/

Apuzzo, Matt. “Ex-CIA Chief Reveals Mounting Concern Over Trump Campaign and Russia,” *The New York Times*, May 23, 2017. https://www.nytimes.com/2017/05/23/us/politics/john-brennan-russia-trump-campaign-cia.html

Ashkenas, Jeremy, “Was It a 400-Pound, 14-Year-Old Hacker, or Russia? Here’s Some of the Evidence,” *The New York Times*. Jan. 6, 2017. Accessed on Jan. 24, 2020. https://www.nytimes.com/interactive/2017/01/06/us/russian-hack-evidence.html

Associated Press, “Obama Hosts Lavish State Dinner for China’s President Xi Jinping,” Sept. 25, 2015. https://www.nbcnews.com/politics/white-house/obama-hosts-lavish-state-dinner-chinas-president-xi-jinping-n434126

Bail, Christopher A., Brian Guay, Emily Maloney, Aidan Combs, D. Sunshine Hillyguus, Friedolin Merhout, Deen Freelon, and Alexander Volfovsky. “Assessing the Rssian IRA’s Impact on the Political Attitudes and Behaviors of American Twitter Users in Late 2017,” Proceedings of the National Academy of Sciences of the United States,” Nov. 25, 2019. https://doi.org/10.1073/pnas.1906420116

Baker, Peter and David E. Sanger. “Why the NSA Isn’t Howling Over Restrictions,” *The New York Times*, May 1, 2015. Accessed on Mar. 23, 2020. https://www.nytimes.com/2015/05/02/us/politics/giving-in-a-little-on-national-security-agency-data-collection.html

Baker, Peter and Michael Crowley. “Trump and Putin Share a Chuckle About Meddling,” *The New York Times*. June 29, 2019, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2019/06/28/us/politics/trump-putin-election.html

Bamford, James. “NSA Snooping Was Only the Beginning. Meet the Spy Chief Leading Us Into Cyberwar,” *Wired,* June 12, 2013. Accessed on Feb. 6, 2020. https://www.wired.com/2013/06/general-keith-alexander-cyberwar/

——. “The NSA Is Building the Country’s Biggest Spy Center (Watch What You Say), *Wired*, Mar. 15, 2012. https://*www.wired.com*/2012/03/ff-nsadatacenter/

Barboza, David. “Inquiry Puts China’s Elite In New Light,” *The New York Times*. Feb. 22, 2010, Section B, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2010/02/22/technology/22cyber.html

Barnes, Julian E. and Siobhan Gorman, “U.S. Says Iran Hacked Navy Computers,” *The Wall Street Journal*, Sept. 27, 2013. https://www.wsj.com/articles/us-says-iran-hacked-navy-computers-1380314771

Bedard, Paul, “Michelle Obama’s 24 Minute Speech in Qatar Cost $700,000,” *Washington Examiner*, Dec. 9, 2015. https://www.washingtonexaminer.com/michelle-obamas-24-minute-speech-in-qatar-cost-700-000

Benaim, Rachel Delia and Lazar Berman. “Sheldon Adelson Calls on U.S. To Nuke Iranian Desert,” *Times of Israel*, October 24, 2013, https://www.timesofisrael.com/sheldon-adelson-calls-on-us-to-nuke-iranian-desert/

Benen, Steve. “McConnell’s Response to Russian Attack is Back in the Spotlight,” MSNBC, Feb. 19, 2018.

Berger, Joseph. “A Dam, Small and Unsung, Is Caught Up in an Iranian Hacking Case,” *The New York Times*, Mar. 25, 2016 https://www.nytimes.com/2016/03/26/nyregion/rye-brook-dam-caught-in-computer-hacking-case.html

Berlin, Leslie, “Lessons of Survival From the Dot-Com Attic,” *The New York Times*, Nov. 21, 2008, https://www.nytimes.com/2008/11/23/business/23proto.html

Biddle, Sam and Gabrielle Bluestone, “This Looks Like the DNC’s Hacked Trump Oppo File,” *Gawker*, Jun. 15, 2016, https://gawker.com/this-looks-like-the-dncs-hacked-trump-oppo-file-1782040426

Biddle, Sam. “Leaked: The Nightmare Email Drama Behind Sony’s Steve Jobs Disaster,” *Gawker*, Dec. 9, 2014. http://defamer.gawker.com/leaked-the-nightmare-email-drama-behind-sonys-steve-jo-1668882936

Bing, Christopher and Joel Schectman. “Inside the UAE’s Secret Hacking Team of American Mercenaries,” Reuters, Jan. 30, 2019. Accessed Mar. 5, 2020. https://www.reuters.com/investigates/special-report/usa-spying-raven/

Blodget, Henry, “Mark Zuckerberg on Innovation,” *Business Insider*, Oct. 1, 2009. https://www.businessinsider.com/mark-zuckerberg-innovation-2009-10

Bobic, Igor and Ryan J. Reilly. “FBI Director James Comey ‘Very Concerned’ About New Apple, Google Privacy Features,” *Huffington Post*, Sept. 25, 2014. Accessed on Mar. 14, 2020. https://www.huffpost.com/entry/james-comey-apple-encryption\_n\_5882874

Bonner, Raymond, “Russia Seeks to Limit An Arms Control Accord,” *The New York Times*, April 5, 1996, Section A, Page 10. Accessed on Feb. 18, 2020. https://www.nytimes.com/1996/04/05/world/russia-seeks-to-limit-an-arms-control-accord.html

Bossert, Thomas P. “It’s Official: North Korea is Behind WannaCry,” *The Wall Street Journal*, Dec. 18, 2017. https://www.wsj.com/articles/its-official-north-korea-is-behind-wannacry-1513642537

Boyd, Aaron. “DOD Invests $34 Million in Hack the Pentagon Expansion,” Nextgov.com, Oct. 24, 2018. Accessed on Mar. 13, 2020. https://www.nextgov.com/cybersecurity/2018/10/dod-invests-34-million-hack-pentagon-expansion/152267/

Bradley, Tony. “Apple vs. FBI: How Far Can The Government Go In The Name Of ‘National Security’?,” *Forbes*, Feb. 126, 2016. Accessed on Mar. 14, 2020. https://www.forbes.com/sites/tonybradley/2016/02/26/apple-vs-fbi-how-far-can-the-government-go-in-the-name-of-national-security/#465bcabf1a8e

Brandom, Russell. “A single researcher made $225,000 (legally!) by hacking browsers this week,” *The Verge*, Mar. 20, 2015. Accessed on Mar. 14, 2020. https://www.theverge.com/2015/3/20/8267611/pwn2own-hacking-browsers-security-google-chrome-safari

Brannigan, Tania. “China denies links to Google cyber attacks,” *The Guardian*, Feb. 23, 2010. Accessed on Mar. 10, 2020. https://www.theguardian.com/world/2010/feb/23/china-denies-google-cyber-attacks

Brannigan, Tania. “China responds to Google hacking claims,” *The Guardian*. Jan. 14, 2010. Accessed on Mar. 10, 2020. https://*www.theguardian.com*/technology/2010/jan/14/china-google-hacking-response-dissidents

Brewster, Thomas. “Cisco and Fortinet Confirm Flaws Exposed by Self-Proclaimed NSA Hackers,” *Forbes*, Aug. 17, 2016. https://www.forbes.com/sites/thomasbrewster/2016/08/17/cisco-fortinet-nsa-hackers-shadow-brokers/#195755fdff53

Brinkley, Joel. “As Microsoft Trial Gets Started, Gates’s Credibility Is Questioned,” *The New York Times*, October 20, 1998, Section A, Page 1. Accessed on Jan. 29, 2020. https://www.nytimes.com/1998/10/20/business/as-microsoft-trial-gets-started-gates-s-credibility-is-questioned.html

Broad, William J., “A Tantalizing Look at Iran’s Nuclear Program,” *The New York Times*, Apr. 29. 2008. Accessed on Feb. 7, 2020. https://www.nytimes.com/2008/04/29/science/29nuke.html

Broad, William J., John Markoff and David E. Sanger, “Israeli Test on Worm Called Crucial in Iran Nuclear Delay,” *The New York Times*. Jan. 15, 2011. Accessed on Feb. 7, 2020. https://www.nytimes.com/2011/01/16/world/middleeast/16stuxnet.html

——. “Israel Tests Called Crucial In Iran Nuclear Setback,” *The New York Times*. Jan. 16, 2011, Section A, Page 1. Accessed on Jan. 27, 2020. https://www.nytimes.com/2011/01/16/world/middleeast/16stuxnet.html

Bruno, Michael P. “Security Company Searching for Buyer,” *The Washington Post*, Feb. 21, 2002. https://www.washingtonpost.com/archive/business/2002/02/21/security-company-searching-for-buyer

Bumiller, Elisabeth and Thom Shanker. “Panetta Warns of Dire Threat of Cyberattack on U.S.,” *The New York Times*, Oct. 11, 2012: https://www.nytimes.com/2012/10/12/world/panetta-warns-of-dire-threat-of-cyberattack.html

Cahkink, George. “Breaking the Code,” *Government Executive*, Sept.1, 2001. Accessed on Feb. 3, 2020. https://www.govexec.com/magazine/magazine-national-security/2001/09/breaking-the-code/9800/

Calamur, Krishnadev. “Putin Says ‘Patriotic Hackers’ May Have Targeted U.S. Election,” *The Atlantic*. June 1, 2017. Accessed on Jan 23, 2020. https://www.theatlantic.com/news/archive/2017/06/putin-russia-us-election/528825/

Calmes, Jackie and Nick Wingfield. “Tech Leaders and Obama Find Shared Problem: Fading Public Trust,” *The New York Times*, Dec. 17, 2013. https://www.nytimes.com/2013/12/18/us/politics/as-tech-industry-leaders-meet-with-obama-nsa-ruling-looms-large.html

Campbell, Mikey. “Apple rails against FBI demands for ‘GovtOS’ in motion to vacate decryption request,” Appleinsider.com. Feb. 25, 2016. Accessed on Mar. 14, 2020. https://appleinsider.com/articles/16/02/25/apple-rails-against-fbi-demands-for-govtos-in-motion-to-vacate-decryption-request

Caproni, Valerie, General Counsel, F.B.I., Testimony Before The House Judiciary Committee, Subcommittee on Crime, Terrorism, and Homeland Security, Feb. 17, 2011.

Carle, Matthew. “40 Years Ago, The Navy’s ‘Operation Ivy Bells’ Ended With A 70s Version Of Edward Snowden,” *Business Insider*. Oct. 31, 2013. Accessed on Feb. 1, 2020. https://www.businessinsider.com/operation-ivy-bells-2013-10

Carroll, Rory. “Microsoft and Google to sue over US Surveillance Requests,” *The Guardian*, Aug. 31, 2013. https://www.theguardian.com/law/2013/aug/31/microsoft-google-sue-us-fisa

Clarke, Richard. “Against All Enemies: Inside America’s War on Terror,” Free Press, Simon & Schuster, 2004.

Central Intelligence Agency Archives, “Directorate of Science and Technology: Technology so Advanced, it’s Classified,” Available at: https://www.cia.gov/news-information/featured-story-archive/directorate-of-science-and-technology.html

Central Intelligence Agency, Memorandum, Dated Aug. 20, 1976. “The CIA/NSA Relationship,” Available: https://www.cia.gov/library/readingroom/docs/CIA-RDP79M00467A002400030009-4.pdf

Cheng, Jacqui, “MacBook Air Compromised in 2 Minutes for $10,000,” Ars Technica, Mar. 28, 2008. https://arstechnica.com/gadgets/2008/03/macbook-air-compromised-in-2-minutes-for-10000/

Clarke, Richard A. and Robert K. Knake. *Cyber War, The Next Threat to National Security and what To Do About It*, Harper Collins, 2010.

Clayton, Mark, “Ukraine Election Narrowly Avoided Wanton Destruction From Hackers,” *Christian Science Monitor*, June 17, 2014. https://www.csmonitor.com/World/Passcode/2014/0617/Ukraine-election-narrowly-avoided-wanton-destruction-from-hackers

Cole, Matthew, Richard Esposito, Sam Biddle, Ryan Grim. “Top Secret NSA Report Details Russian Hacking Effort Days Before 2016,” *The Intercept*, June 5, 2017. https://theintercept.com/2017/06/05/top-secret-nsa-report-details-russian-hacking-effort-days-before-2016-election/

Comey, James. “Going Dark: Are Technology, Privacy, and Public Safety On a Collision Course?,” FBI, Oct. 16, 2014. https://www.fbi.gov/news/speeches/going-dark-are-technology-privacy-and-public-safety-on-a-collision-course

Conger, Kate and Daisuke Wakabayashi. “Google Workers Protest Secrecy In China Project,” *The New York Times*. Aug. 17, 2018, Section A, Page 1. Accessed on Mar. 10, 2020. https://www.nytimes.com/2018/08/16/technology/google-employees-protest-search-censored-china.html

Cook, Tim. “A Message To Our Customers,” Feb. 16, 2016. Apple.com/customer-letter/

——. “Tim Cook Speaks Up,” Bloomberg, Oct. 30, 2014. https://www.bloomberg.com/news/articles/2014-10-30/tim-cook-speaks-up

——. 2019 Stanford Commencement Address,” Jun. 17, 2019. https://www.youtube.com/watch?v=2C2VJwGBRRw

Cooper, Helene. “Chinese Hackers Steal Naval Warfare Information,” *The New York Times*. June 9, 2018, Section A, Page 13. Accessed on Mar. 9, 2020. https://www.nytimes.com/2018/06/08/us/politics/china-hack-navy-contractor-.html

Cox, Joseph. “The FBI SPent $775K on Hacking Team’s Spy Tools Since 2011,” *Wired,* July 6, 2015. Accessed on Mar. 6, 2020.

Crumpton, Henry A*. The Art of Intelligence: Lessons from a Life in the CIA’s Clandestine Service*, Penguin, 2013.

CSC Acquires Vulnerability Research Labs, Press Release, *Business Wire*, October 4, 2010. https://www.businesswire.com/news/home/20101004005965/en/CSC-Acquires-Vulnerability-Research-Labs

C-Span, Testimony: “Internet In China: A Tool for Freedom or Suppression,” Available at: https://www.c-span.org/video/?191220-1/internet-china

Currier, Cora and Morgan Marquis-Boire. “Leaked Documents Show FBI, DEA and U.S. Army Buying Italian Spyware,” *The Intercept,* July 6, 2015. Accessed on Mar. 6, 2020. https://theintercept.com/2015/07/06/hacking-team-spyware-fbi/

Danzig, Richard. Surviving on a Diet of Poisoned Fruit: Reducing the National Security Risks of America’s Cyber Dependencies (Washington, DC: Center for a New American Security, 2014)

Davis, Julie Hirschfeld. “Hacking Exposed 21 Million in U.S., Government Says, “ *The New York Times*. July 10, 2015, Section A, Page 1. Accessed on Mar. 14, 2020. https://www.nytimes.com/2015/07/10/us/office-of-personnel-management-hackers-got-data-of-millions.html

——. “Trump, With Putin, Attacks 2016 Intelligence,” *The New York Times*, July 17, 2018, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2018/07/16/world/europe/trump-putin-election-intelligence.html

Davis, Julie Hirschfield and David E. Sanger. “Obama and Xi Jinping of China Agree to Steps on Cybertheft,” *The New York Times*, Sept. 25, 2015. https://www.washingtonpost.com/world/national-security/administration-developing-sanctions-against-china-over-cyberespionage/2015/08/30/9b2910aa-480b-11e5-8ab4-c73967a143d3\_story.html

Dent, Steve. “Google posts Windows 8.1 vulnerability before Microsoft can patch it,” Engadget.com, Jan. 2, 2015. Accessed on Mar. 14, 2020. https://www.engadget.com/2015-01-02-google-posts-unpatched-microsoft-bug.html

DeParle, Jason, “Migrants in United Arab Emirates Get Stuck in Web of Debt,” *The New York Times*, Aug. 20, 2011. www.nytimes.com/2011/08/21/world/middleeast/21debtors.html

Department of Defense, Defense Science Board Task Force Report: “Resilient Military Systems and the Advanced Cyber Threat.” January 2013.

Department of Justice, “The Foreign Intelligence Surveillance Act of 1978 (FISA),” available here: https://it.ojp.gov/PrivacyLiberty/authorities/statutes/1286

Department of Justice, “U.S. Charges Five Chinese Military Hackers for Cyber Espionage Against U.S. Corporations and a Labor Organization for Commercial Advantage,” May 19, 2014. https://www.justice.gov/opa/pr/us-charges-five-chinese-military-hackers-cyber-espionage-against-us-corporations-and-labor

Dilanian, Ken. “Russia May Be Hacking Us More, But China is Hacking Us Much Less,” NBC News, Oct. 12, 2016. https://www.nbcnews.com/storyline/hacking-in-america/russia-may-be-hacking-us-more-china-hacking-us-much-n664836

Dillow, Clay. “ISIS Has Its Own Secure Messaging App,” *Fortune*, Jan 13, 2016. Accessed on Feb. 4, 2020. https://fortune.com/2016/01/13/isis-has-its-own-secure-messaging-app/

Dougherty, Conor, “Google Mixes a New Name and Big Ideas,” *The New York Times*. Aug. 11, 2015, Section A, Page 1. Accessed on Mar. 10, 2020. https://www.nytimes.com/2015/08/11/technology/google-alphabet-restructuring.html

Drummond, David. “A New Approach to China,” Google Blog, Jan. 2010. https://googleblog.blogspot.com/2010/01/new-approach-to-china.html

East, Kristen. “Top DNC Staffer Apologizes for Email on Sanders’ Religion,” *Politico*, July 23, 2016, https://www.politico.com/story/2016/07/top-dnc-staffer-apologizes-for-email-on-sanders-religion-226072.

Eckert, Paul and Ben Blanchard. “Clinton urges Internet freedom, condemns cyber attacks,” Reuters. Jan. 21, 2010. Accessed on Mar. 10, 2020. https://www.reuters.com/article/us-google-china/clinton-urges-internet-freedom-condemns-cyber-attacks-idUSTRE60K1V220100121

Elgin, Ben and Michael Riley. “Now at the Sands Casino: An Iranian Hacker in Every Server,” *Bloomberg*, Dec. 12, 2014. https://www.bloomberg.com/news/articles/2014-12-11/iranian-hackers-hit-sheldon-adelsons-sands-casino-in-las-vegas

Elmer-Dewitt, Philip. “First Nation in Cyberspace,” *Time*, Dec. 6, 1993. Accessed on Jan. 28, 2020. http://content.time.com/time/magazine/article/0,9171,979768,00.html

Endler, David. LinkedIn Profile. https://www.linkedin.com/in/davidendler/

engadget.com/2015/01/02/google-posts-unpatched-microsoft-bug/

Erlanger,Steven and Isabel Kershner. “Israel Insists That Iran Still Seeks a Bomb,” *The New York Times*, Dec. 5, 2007. Accessed on Feb. 6, 2020. https://www.nytimes.com/2007/12/05/world/middleeast/05israel.html

Evers, Jori. “VeriSign Buys iDEFENSE For $40 Million.” CNET. July 14, 2005. Accessed on Jan. 30, 2020. https://www.cnet.com/news/verisign-buys-iDEFENSE-for-40-million/

Evraz Shareholders. https://www.evraz.com/en/investors/shareholders/shareholder-structure/

Fahri, Paul. “At the Times, a Scoop Deferred,” *The Washington Post*, Dec. 17, 2005. Accessed on Jan. 27, 2020. https://www.washingtonpost.com/wp-dyn/content/article/2005/12/16/AR2005121601716.html

FBI, History of the World Trade Center Bombing 1993, Available at: https://www.fbi.gov/history/famous-cases/world-trade-center-bombing-1993

Ferdinando, Lisa. “Carter Announces ‘Hack the Pentagon’ Program Results,” DOD News, June 17, 2016. Accessed on Mar. 13, 2020. https://www.defense.gov/Explore/News/Article/Article/802828/carter-announces-hack-the-pentagon-program-results/

Ferguson, Charles D. *Nuclear Energy: What Everyone Needs to Know*, Oxford University Press, 2011.

Fildes, Nic, “Meet the ‘connected cow’,” *Financial Times*, Oct. 25, 2007. Accessed Mar. 24, 2020. https://www.ft.com/content/2db7e742-7204-11e7-93ff-99f383b09ff9

First Presidential Debate, CNN, Sept. 26, 2016.

Fisher, Dennis. “VUPEN Founder Launches New Zero-Day Acquisition Firm Zerodium,” Threatpost, July 24, 2015. Accessed on Mar. 10, 2020. https://threatpost.com/vupen-launches-new-zero-day-acquisition-firm-zerodium/113933/

Fleishman, Glenn. “Cartoon Captures Spirit of the Internet,” *The New York Times*, Dec. 14, 2000, https://www.nytimes.com/2000/12/14/technology/cartoon-captures-spirit-of-the-internet.html

Fogarty, Kevin. “Researcher: CIA, NSA may have infiltrated Microsoft to Write Malware,” *IT World*, Jun. 18, 2012. https://www.itworld.com/article/2722089/researcher--cia--nsa-may-have-infiltrated-microsoft-to-write-malware.html

Fontevecchia, Agustino. “The Real Story Of How A Hedge Fund Detained A Vessel In Ghana And Even Went For Argentina’s ‘Air Force One’,” *Forbes*, Oct. 5, 2012. Accessed on Mar. 14, 2020. https://www.forbes.com/sites/afontevecchia/2012/10/05/the-real-story-behind-the-argentine-vessel-in-ghana-and-how-hedge-funds-tried-to-seize-the-presidential-plane/#6485d06e25aa

Franceschi-Bicchierai, Lorenzo. “Spy Tech Company ‘Hacking Team’ Gets Hacked,” *Vice*, Jul. 5, 2015. https://www.vice.com/en\_us/article/gvye3m/spy-tech-company-hacking-team-gets-hacked

——. “Hacking Team Has Lost Its License to Export Spyware,” *Vice*, Apr. 6, 2016. Accessed on Mar. 10, 2020. https://www.vice.com/en\_us/article/78k8dq/hacking-team-has-lost-its-license-to-export-spyware

——. “Hacking Team’s ‘Illegal’ Latin American Empire,” *Vice,* Apr. 18, 2016. Accessed on Mar. 6, 2020. https://www.vice.com/en\_us/article/gv5v8q/hacking-team-illegal-latin-american-empire

——. “Hacking Team Hacker Phineas Fisher Has Gotten Away With It,” *Vice*, Nov. 12, 2018. Accessed on Mar. 6, 2020. https://www.vice.com/amp/en\_us/article/3k9zzk/hacking-team-hacker-phineas-fisher-hasgotten-away-with-it

——. “How Google Changed the Secretive Market for the Most Dangerous Hacks in the World,” *Vice*, Sept. 23, 2019. Accessed on Mar. 14, 2020. https://www.vice.com/en\_us/article/59nyqb/how-google-changed-the-secretive-market-for-the-most-dangerous-hacks-in-the-world

——. “The Vigilante Who Hacked Hacking Team Explains How He Did It,” Vice. Apr. 15, 2016. Accessed on Mar. 6, 2020. https://www.vice.com/en\_us/article/3dad3n/the-vigilante-who-hacked-hacking-team-explains-how-he-did-it

——. “Why Does Dnc Hacker ‘Guccifer 2.0’ Talk Like This?,” *Vice*, Jun. 23, 2016. Accessed Mar. 24, 2020. https://www.vice.com/en\_us/article/d7ydwy/why-does-dnc-hacker-guccifer-20-talk-like-this

Frankel, Max, “In Moscow, Walls Have Ears (40),” *The New York Times*, May 20, 1964. Accessed on Jan. 31, 2020. https://www.nytimes.com/1964/05/20/archives/in-moscow-walls-have-ears40-us-embassy-finds-microphones-after.html

Fred Kaplan, *Dark Territory: The Secret History of Cyber War*, Simon & Schuster, 2016.

Fuerbringer, Jonathan. “Stock Market Ends Its Worst Quarter Since the ‘87 Crash,” *The New York Times*, Sep. 30, 2002. https://www.nytimes.com/2002/09/30/business/stock-market-ends-its-worst-quarter-since-the-87-crash.html

Fung, Brian, “The NSA hacks other countries by buying millions of dollars’ worth of computer vulnerabilities,” *The Washington Post*. Aug. 31, 2013. Accessed on Feb 8, 2020. https://www.washingtonpost.com/news/the-switch/wp/2013/08/31/the-nsa-hacks-other-countries-by-buying-millions-of-dollars-worth-of-computer-vulnerabilities/

Gage, Deborah. “HackerOne Emerges With $9 Million to Root Out Software Bugs,” *The Wall Street Journal*, May 28, 2014. Accessed on Mar. 12, 2020. https://blogs.wsj.com/venturecapital/2014/05/28/hackerone-emerges-with-9-million-to-root-out-software-bugs/

Gallagher, Ryan and Glenn Greenwald. “How the NSA Plans to Infect ‘Millions’ of Computers With Malware,” *The Intercept,* Mar. 12, 2014. Accessed on Feb. 7, 2020. https://theintercept.com/2014/03/12/nsa-plans-infect-millions-computers-malware/

Gallagher, Ryan and Peter Maass. “Inside the NSA’s Secret Efforts to Hunt and Hack System Administrators,” *The Intercept,* Mar. 20, 2014. Accessed on Feb. 4, 2020. https://theintercept.com/2014/03/20/inside-nsa-secret-efforts-hunt-hack-system-administrators/

Gallagher, Ryan. “Google Plans To Launch Censored Search Engine in China, Leaked Documents Reveal,” *The Intercept*, Aug. 1, 2018. https://theintercept.com/2018/08/01/google-china-search-engine-censorship/

Gates, Bill, “Bill Gates: Trustworthy Computing,” Leaked to *Wired*, Jan. 15, 2002, https://www.wired.com/2002/01/bill-gates-trustworthy-computing/

GDP Ranking 2016, World Bank https://data.worldbank.org/data-catalog/GDP-ranking table, accessed August 2017.

Geer, Dan. “Cybersecurity as Realpolitik,” 2014 Black Hat Talk, Aug. 6, 2014. http://geer.tinho.net/geer.blackhat.6viii14.txt

Gellman, Barton and Ashkan Soltani, “NSA Collects Millions of Email Address Books Globally,” *The Washington Post*, October 14, 2013. https://www.pulitzer.org/files/2014/public-service/washpost/13washpostnsa2014.pdf

Gellman, Barton and Ashkan Soltani. “NSA infiltrates links to Yahoo, Google data centers worldwide, Snowden documents say,” *The Washington Post*, Oct. 30, 2013. https://www.washingtonpost.com/world/national-security/nsa-infiltrates-links-to-yahoo-google-data-centers-worldwide-snowden-documents-say/2013/10/30/e51d661e-4166-11e3-8b74-d89d714ca4dd\_story.html

Gellman, Barton and Ellen Nakashima. “U.S. spy agencies mounted 231 offensive cyber-operations in 2011, documents show,” *The Washington Post*. Aug. 30, 2013. Accessed on Feb. 4, 2020. https://www.washingtonpost.com/world/national-security/us-spy-agencies-mounted-231-offensive-cyber-operations-in-2011-documents-show/2013/08/30/d090a6ae-119e-11e3-b4cb-fd7ce041d814\_story.html

Gellman, Barton and Greg Miller. “Inside the 2013 U.S. Intelligence The Black Budget,” The Office of National Intelligence FY 2013 Congressional Budget Justification, *The Washington Post*, August 29, 2013. https://www.washingtonpost.com/world/national-security/black-budget-summary-details-us-spy-networks-successes-failures-and-objectives/2013/08/29/7e57bb78-10ab-11e3-8cdd-bcdc09410972\_story.html

Gellman, Barton and Laura Poitras. “U.S., British intelligence mining data from nine U.S. Internet companies in broad secret program,” *The Washington Post*. June 7, 2013. Accessed on Jan. 27, 2020. https://www.washingtonpost.com/investigations/us-intelligence-mining-data-from-nine-us-internet-companies-in-broad-secret-program/2013/06/06/3a0c0da8-cebf-11e2-8845-d970ccb04497\_story.html

Gellman, Barton, Todd Lindeman and Ashkan Soltani. “How the NSA is infiltrating private networks,” *The Washington Post*. Oct. 30, 2013. Accessed on Mar. 13, 2020. https://apps.washingtonpost.com/g/page/national/the-nsa-is-hacking-private-networks/542/

George, Roger Z. and Robert D. Kline. *Intelligence and the National Security Strategist: Enduring Issues and Challenges.* Rowman & Littlefield, 2006.

Glanz, James, Jeff Larson and Andrew W. Lehren. “Spy Agencies Tap Data Streaming From Phone Apps,” *The New York Times,* Jan. 27, 2014. Accessed Mar. 24, 2020. https://www.nytimes.com/2014/01/28/world/spy-agencies-scour-phone-apps-for-personal-data.html

Glanz, James and John Markoff. “STATE’S SECRETS | DAY 7; Vast Hacking by a China Fearful of the Web,” *The New York Times*, Dec. 5, 2010, Section A, Page 1. Accessed on Mar. 9, 2020. http://www.nytimes.com/2010/12/05/world/asia/05wikileaks-china.html

——. “Vast Hacking by a China Fearful of the Web,” *The New York Times*, Dec. 4, 2010, http://www.nytimes.com/2010/12/05/world/asia/05wikileaks-china.html

Glanz, James, Jeff Larson and Andrew W. Lehren, “Spy Agencies Tap Data Streaming From Phone Apps,” *The New York Times*, Jan. 28, 2014, Section A, Page 1. Accessed on Jan. 27, 2020. https://www.nytimes.com/2014/01/28/world/spy-agencies-scour-phone-apps-for-personal-data.html

Glüsing, Jens, Laura Poitras, Marcel Rosenbach, and Holger Stark. “NSA Accessed Mexican President’s Email,” *Spiegel International*, Oct. 20, 2013. Accessed on Feb 4, 2020. https://www.spiegel.de/international/world/nsa-hacked-email-account-of-mexican-president-a-928817.html

Goldman, Adam. “New Charges in Huge C.I.A. Breach Known as Vault 7,” *The New York Times*, Jun 18. 2018. https://www.nytimes.com/2018/06/18/us/politics/charges-cia-breach-vault-7.html

Goldman, David. “Hacker Hits on U.S. Power and Nuclear Targets Spiked in 2012,” CNN, Jan 9, 2013. Accessed on Mar. 24, 2020. https://money.cnn.com/2013/01/09/technology/security/infrastructure-cyberattacks/

Goni, Uki. “Argentina collapses into chaos,” *The Guardian*, Dec. 20, 2011. Accessed on Mar. 14, 2020. https://www.theguardian.com/world/2001/dec/21/argentina.ukigoni

Goodin, Dan. “Firm stops selling exploits after delivering Flash 0-day to Hacking Team,” *Ars Technica*, July 20, 2015. Accessed Mar. 9, 2020. https://arstechnica.com/information-technology/2015/07/firm-stops-selling-exploits-after-delivering-flash-0-day-to-hacking-team/

——. “IE zero-day used in Chinese cyber assault on 34 firms,” *The Register*, Jan. 14, 2010, https://www.theregister.co.uk/2010/01/14/cyber\_assault\_followup/

Google Blog, “Fuzzing at Scale,” August 2011. https://security.googleblog.com/2011/08/fuzzing-at-scale.html

Gordon, Michael R. and Eric Schmitt. “U.S. Says Israeli Exercise Seemed Directed at Iran,” *The New York Times*, June 20, 2008. https://www.nytimes.com/2008/06/20/washington/20iran.html

Gordon, Michael R. and Thomas L. Friedman. “Details of U.S. Raid in Somalia: Success So Near, a Loss So Deep,” *The New York Times*, October 25, 1993, Section A, Page 1. Accessed Feb. 3, 2020. https://www.nytimes.com/1993/10/25/world/details-of-us-raid-in-somalia-success-so-near-a-loss-so-deep.html

Gordon, Michael, “Russia Moves Artillery Units Into Ukraine, NATO Says,” *The New York Times*, Aug. 22, 2014, https://www.nytimes.com/2014/08/23/world/europe/russia-moves-artillery-units-into-ukraine-nato-says.html

Gosler, James R. “The Digital Dimension,” Published in the “Transforming U.S. Intelligence” Anthology, Edited by Jennifer E. Sims, Burton Gerber, Georgetown University Press. 2005.

Greenberg, Andy, “Apple Exiles A Security Researcher From Its Developer Program For Proof-of-Concept Exploit App,” *Forbes*. Nov 7, 2011. Accessed Jan. 30, 2020. https://www.forbes.com/sites/andygreenberg/2011/11/07/apple-exiles-a-security-researcher-from-its-developer-program-for-proof-of-concept-exploit-app/#7770631e3222

——. “Hackers Remotely Kill a Jeep on the Highway—With Me in It,” *Wired,* June 21, 2015. Accessed Jan. 31, 2020. https://*www.wired.com*/2015/07/hackers-remotely-kill-jeep-highway/

——. “Here’s a Spy Firm’s Price List for Secret Hacker Techniques,” *Wired,* Nov. 18, 2015. Accessed on Mar. 10, 2020. https://*www.wired.com*/2015/11/heres-a-spy-firms-price-list-for-secret-hacker-techniques/

——. “iPhone Security Bug Lets Innocent-Looking Apps Go Bad,” *Forbes*. Nov 7, 2011. Accessed Jan. 30, 2020. https://www.forbes.com/sites/andygreenberg/2011/11/07/iphone-security-bug-lets-innocent-looking-apps-go-bad/#3b5cdb7d43cc

——. “Meet ‘Project Zero,’ Google’s Secret Team of Bug-Hunting Hackers,” *Wired,* July 15, 2014. Accessed on Mar. 14, 2020. https://*www.wired.com*/2014/07/google-project-zero/

——. “Meet The Hackers Who Sell Spies The Tools To Crack Your PC (And Get Paid Six-Figure Fees),” *Forbes*, Mar. 12, 2012. https://www.forbes.com/sites/andygreenberg/2012/03/21/meet-the-hackers-who-sell-spies-the-tools-to-crack-your-pc-and-get-paid-six-figure-fees/#741d5f251f74.

——. “Microsoft Finally Offers To Pay Hackers For Security Bugs With $100,000 Bounty,” *Forbes*, June 19, 2013. Accessed on Mar. 12, 2020. https://www.forbes.com/sites/andygreenberg/2013/06/19/microsoft-finally-offers-to-pay-hackers-for-security-bugs-with-100000-bounty/#184eac848d8b

——. “No One Wants To Buy Those Stolen NSA-Linked Cyberweapons,” *Wired*, Aug. 16, 2016.

——. “NSA Implementing ‘Two-Person’ Rule To Stop The Next Edward Snowden,” *Forbes*, June 18, 2013. Accessed Feb 4, 2020.

——. “The Hotel Room Hacker,” *Wired*, August, 2017. Accessed on Jan. 27, 2020. https://www.wired.com/2017/08/the-hotel-hacker/

——. “The Untold Story of NotPetya, the Most Devastating Cyberattack in History,” *Wired*, Aug. 22, 2018. https://www.wired.com/story/notpetya-cyberattack-ukraine-russia-code-crashed-the-world/

——. “The Untold Story of NotPetya, the Most Devastating Cyberattack in History,” *Wired*, August 22, 2018 https://www.wired.com/story/notpetya-cyberattack-ukraine-russia-code-crashed-the-world/

——. “The Untold Story of the 2018 Olympics Cyberattack,” *Wired*, October 17, 2019, https://www.wired.com/story/untold-story-2018-olympics-destroyer-cyberattack/

——. “The Zero-Day Salesman,” *Forbes*. Mar. 28, 2012. Accessed on Mar. 10, 2020. https://www.forbes.com/global/2012/0409/technology-hackers-security-government-zero-day-salesmen.html

——. “Google Offers $3.14159 Million In Total Rewards For Chrome OS Hacking Contest,” *Forbes*. Jan. 28, 2013. Accessed on Mar. 10, 2020. https://www.forbes.com/sites/andygreenberg/2013/01/28/google-offers-3-14159-million-in-total-rewards-for-chrome-os-hacking-contest/#1bfcc1431d20

——. *Sandworm: A New Era of Cyberwar and the Hunt for the Kremlin’s Most Dangerous Hackers*, Knopf, November 2019.

——. “Shopping For Zero-Days: A Price List For Hackers’ Secret Software Exploits,” *Forbes*. Mar. 23, 2015. Accessed on Mar. 6, 2020.

——. “Why ‘Zero Day’ Android Hacking Now Costs More Than iOS Attacks,” *Wired,* Sept. 3, 2019. Accessed on Mar. 6, 2020. https://*www.wired.com*/story/android-zero-day-more-than-ios-zerodium/

Greene, Tim. “Black Hat Keynote: U.S. Should Buy Up Zero Day Attacks for 10 Times Going Rate,” *Network World*, Aug. 7, 2014. https://www.networkworld.com/article/2462706/black-hat-keynote-u-s-should-buy-up-zero-day-attacks-for-10-times-going-rate.html

Greenwald, Glenn and Ewen MacAskill. “NSA Prism program taps in to user data of Apple, Google and others,” *The Guardian*. June 7, 2013. Accessed on Mar. 11, 2020. https://*www.theguardian.com*/world/2013/jun/06/us-tech-giants-nsa-data

Greenwald, Glenn and Spencer Ackerman, “How the NSA is still harvesting your online data,” *The Guardian*, Jun 27, 2013. Accessed on Mar. 24, 2020. https://www.theguardian.com/world/2013/jun/27/nsa-online-metadata-collection

——. “NSA collected US email records in bulk for more than two years under Obama,” *The Guardian*. June 27, 2013. Accessed on Feb. 4, 2020. https://*www.theguardian.com*/world/2013/jun/27/nsa-data-mining-authorised-obama

Greenwald, Glenn, “Glenn Greenwald: How the NSA Tampers with US-Made Internet Routers,” *The Guardian*. May 12, 2014. Accessed on Jan. 27, 2020. https://*www.theguardian.com*/books/2014/may/12/glenn-greenwald-nsa-tampers-us-internet-routers-snowden

——. “Inside the mind of NSA chief Gen Keith Alexander,” *The Guardian*. Sept. 15, 2013. Accessed on Feb. 6, 2020. https://*www.theguardian.com*/commentisfree/2013/sep/15/nsa-mind-keith-alexander-star-trek

Greenwald, Glenn, Ewen MacAskill, Laura Poitras, Spencer Ackerman and Dominic Rushe. “Microsoft handed the NSA access to encrypted messages,” *The Guardian*. July 12, 2013. Accessed on Mar. 11, 2020.

MyHackerHouse.com. https://www.myhackerhouse.com/hacker-halloween-inside-shadow-brokers-leak/

Hacking Team Email Leak, WikiLeaks. https://wikileaks.org/hackingteam/emails/emailid/6619

Hafner, Katie and Matthew Lyon. *Where Wizards Stay Up Late: The Origins of The Internet*, Simon and Schuster, 1998.

Harding, Luke. “Footage Released of *The Guardian* Editors Destroying Snowden Hard Drives,” *The Guardian*. Jan. 31, 2014. Accessed on Jan. 27, 2020. https://*www.theguardian.com*/uk-news/2014/jan/31/footage-released-*The Guardian*-editors-snowden-hard-drives-gchq

——. “The day GCHQ came to call on *The Guardian*,” *The Guardian*. Feb. 1, 2014. Accessed on Jan. 27, 2020. https://*www.theguardian.com*/world/2014/feb/01/edward-snowden-gchq-visit-*The Guardian*-destroy-computers

Harris, Shane, “The Cowboy of the NSA,” Foreign Policy, Sep. 9, 2013. https://foreignpolicy.com/2013/09/09/the-cowboy-of-the-nsa/

Haseltine, Eric. *The Spy in Moscow Station: A Counterspy’s Hunt for a Deadly Cold War Threat*, Thomas Dunne Books, 2019.

Hayden, Michael Edison. “Unprecedented global cyberattack is ‘an urgent call’ to action, homeland security adviser says,” ABC, Good Morning America, May 15, 2017. https://abcnews.go.com/US/unprecedented-global-cyberattack-urgent-call-action-homeland-security/story?id=47414158

Hayden, Michael in a February 2013 speech at George Washington University https://www.c-

span.org/video/?c4367800/gwu-michael-hayden-china-hacking

Hayden, Michael V. *Playing to the Edge: American Intelligence in the Age of Terror*, Penguin, 2017.

Helderman, Rosaline S. and Tom Hamburger, “Hacked Emails Appear to Reveal Excerpts of Speech Transcripts Clinton Refused to Release,” *The Washington Post*, Oct. 7, 2016. https://www.washingtonpost.com/politics/hacked-emails-appear-to-reveal-excerpts-of-speech-transcripts-clinton-refused-to-release/2016/10/07/235c26ac-8cd4-11e6-bf8a-3d26847eeed4\_story.html

Hernández, Javier C. “To Erase Dissent, China Bans Pooh Bear and ‘N’,” *The New York Times*, March 1, 2018, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2018/02/28/world/asia/china-censorship-xi-jinping.html

Hersch, Seymour M., “A Strike In The Dark,” The New Yorker, Feb. 4, 2008. https://www.newyorker.com/magazine/2008/02/11/a-strike-in-the-dark

Hille, Kathrin. “Chinese media hit at ‘White House’s Google,’” *Financial Times*, Jan. 20, 2010. Accessed on Mar. 10, 2020. https://www.ft.com/content/e6022fe0-05c6-11df-88ee-00144feabdc0

Hirschauge, Orr, “Overseas Buyers Snap Up Two More Israeli Cyber Security Firms,” *Haaretz*, Mar. 19, 2014. Accessed on Mar. 9, 2020. https://www.haaretz.com/israel-news/business/.premium-2-more-israeli-cyber-security-firms-sold-overseas-1.5336240

Holmes, Aaron. “Google is offering a $1.5 million reward to anyone who can pull off a complex Android hack,” *Business Insider*, Nov. 22, 2019. Accessed on Mar. 10, 2020. https://www.businessinsider.com/google-bug-bounty-increase-android-hack-2019-11

http://www.cfr.org/defense-budget/trends-us-military-spending/p28855

https://www.gao.gov/archive/1997/ns97181.pdf According to published Zero-day price lists, the most ever advertised for a single zero-day by 2019 was $2.5 million, though the prices continue to rise. https://zerodium.com/program.html

Hubbard, Ben. “Apple and Google Urged to Dump Saudi App That Lets Men Track Women,” *The New York Times*. Feb. 14, 2019, Section A, Page 10. Accessed on Mar. 10, 2020. https://www.nytimes.com/2019/02/13/world/middleeast/saudi-arabia-app-women.html

Human Rights Watch, “Time for Justice: Ending Impunity for Killings and Disappearances in 1990s Turkey,” Sept. 3, 2012. Report: https://www.hrw.org/report/2012/09/03/time-justice/ending-impunity-killings-and-disappearances-1990s-turkey

Indictment, United States v. Internet Research Agency, et al. Case 1:18-cr-00032-DLF, D.D.C., Feb 16, 2018.

Intellectual Property Commission Report: “The Theft of American Intellectual Property: Reassessments of The Challenge and United States Policy,” Published May 22, 2013; Updated Feb. 27, 2017. http://www.ipcommission.org/report/IP\_Commission\_Report\_Update\_2017.pdf

Interview with Elias Levy, “Aleph One,” a moderator of BugTraq.

Interview with James Gosler.

Interview with John Hultquist, 2019.

Interview with Saumil Shah.

Interview, Egypt [Mazen Gamal, Mustafa Hassan], April 21, 2017.

Interview, John Hultquist, 2019.

Interview, Missoum Said, April 19, 2017.

Interview with Ralph Langner.

Interviews with David Endler, Sunil James, John Watters.

Interviews with Michael Daniel.

Interviews with Eric Chien and Liam O’Murchu.

Interviews with unnamed NSA officials and analysts.

Isaac, Mike. “Why Apple Is Putting Up a Fight Over Privacy With the F.B.I.,” *The New York Times*. Feb. 18, 2016, Section B, Page 4. Accessed on Mar. 14, 2020. https://www.nytimes.com/2016/02/18/technology/explaining-apples-fight-with-the-fbi.html

https://www.youtube.com/watch?v=\_qBt4tSCALA

Jacobs, Andrew and Miguel Helft. “Google Citing Attack Threatens To Exit China,” *The New York Times*, Jan. 12, 2010. The articles note that 34 companies were tied to the same attack that hit Google, many of them still unknown.

——. “Google May End Venture in China Over Censorship,” *The New York Times*. Jan. 13, 2010, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2010/01/13/world/asia/13beijing.html

James Comey Interview with Scott Pelley, CBS News, Oct. 5, 2014, https://www.cbsnews.com/news/fbi-director-james-comey-on-threat-of-isis-cybercrime/

Jane’s Intelligence Review, “Brazil Struggles with Effective Cybercrime Response,” 2017. https://www.janes.com/images/assets/518/73518/Brazil\_struggles\_with\_effective\_cyber-crime\_response.pdf

Jehl, Douglas, “CIA Nominee Wary of Budget Cuts,” *The New York Times*. Feb. 3, 1993. Accessed on Feb. 3, 2020. https://www.nytimes.com/1993/02/03/us/cia-nominee-wary-of-budget-cuts.html

Jeong, Sarah. “In Chatlogs, Celebrated Hacker and Activist Confesses Countless Sexual Assaults,” *The Verge*, Nov. 19, 2017. Accessed on Mar. 10, 2020. https://www.theverge.com/2017/11/19/16675704/morgan-marquis-boire-hacker-sexual-assault

Johnson, Bobbie. “Google stops censoring Chinese search engine: How it happened,” *The Guardian*. Mar. 22, 2010. Accessed on Mar. 10, 2020. https://*www.theguardian.com*/technology/blog/2010/mar/22/google-china-live

Johnston, David and Don van Natta Jr., “Traces of Terror: The F.B.I. Memo; Ashcroft Learned of Agent’s Alert Just After 9/11,” *The New York Times*. May 21, 2002. Accessed on Feb. 4, 2020. https://www.nytimes.com/2002/05/21/us/traces-of-terror-the-fbi-memo-ashcroft-learned-of-agent-s-alert-just-after-9-11.html?pagewanted=all&src=pm

Juenemann, Nils. “Ethiopia gets a new school - thanks to a XSS in Google+,” Blog, Apr. 26, 2012. https://www.nilsjuenemann.de/2012/04/26/ethiopia-gets-new-school-thanks-to-xss/

Kahn, Joseph. “Yahoo helped Chinese to prosecute journalist,” *The New York Times*. Sept. 8, 2005. Accessed on Mar. 9, 2020. https://www.nytimes.com/2005/09/08/business/worldbusiness/yahoo-helped-chinese-to-prosecute-journalist.html

Kang, Cecilia and Eric Lichtblau, “F.B.I. Error Led to Loss of Data in Rampage,” *The New York Times*. March 2, 2016, Section B, Page 1. Accessed on Mar. 14, 2020. https://www.nytimes.com/2016/03/02/technology/apple-and-fbi-face-off-before-house-judiciary-committee.html

Kaplan, Fred, *Dark Territory: The Secret History of Cyber War*, Simon and Schuster, 2016.

Karasz, Palko. “He Stopped a Global Cyberattack. Now He’s Pleading guilty to Writing Malware,” *The New York Times*, Apr. 20, 2019, https://www.nytimes.com/2019/04/20/world/europe/marcus-hutchins-wannacry.html

Kaspersky, “What just hit the fan: FAQs,” 2017. https://www.kaspersky.com/blog/kaspersky-in-the-shitstorm/19794/

Keizer, Gregg, “Researcher cracks Mac in 10 seconds at PWN2OWN, wins $5k,” Computer World, Mar. 18, 2009. Accessed on Jan. 31, 2020. https://www.computerworld.com/article/2531805/researcher-cracks-mac-in-10-seconds-at-pwn2own--wins--5k.html

Keneally, Meghan. “Debbie Wasserman Schultz Booed at Chaotic Florida Delegation Breakfast,” ABC News, Jul. 25, 2016. https://abcnews.go.com/Politics/debbie-wasserman-schultz-booed-chaotic-florida-delegation-breakfast/story?id=40850654

Kennedy, John. “Apple reveals 4.7-inch and 5.5-inch iPhone 6 and iPhone 6 Plus devices,” Siliconrepublic.com. Sep. 9, 2014. Accessed on Mar. 14, 2020. https://www.siliconrepublic.com/gear/apple-reveals-4-7-inch-and-5-5-inch-iphone-6-and-iphone-6-plus-devices

Kessler, Aaron M., “The Web-Connected Car Is Cool, Until Hackers Cut Your Brakes,” *The New York Times*. July 24, 2015. Accessed on Jan. 31, 2020. https://www.nytimes.com/2015/07/24/business/the-web-connected-car-is-cool-until-hackers-cut-your-brakes.html

King, Rachael, “Stuxnet Infected Chevron’s IT Network,” *Wall Street Journal,* Nov. 8, 2010. Accessed on Feb. 7, 2020. https://blogs.wsj.com/cio/2012/11/08/stuxnet-infected-chevrons-it-network/

Kirkpatrick, David D. “Signs That Russia Used Social Media to Sway Brexit Vote,” *The New York Times*. Nov. 16, 2017, Section A, Page 8. Accessed on Jan 24, 2020. https://www.nytimes.com/2017/11/15/world/europe/russia-brexit-twitter-facebook.html

Konrad, Alex. “The Benchmark Way: Five Partners Who Make Other VC Firms Look Outgunned And Overstaffed,” *Forbes*, Mar. 25, 2015. Accessed on Mar. 12, 2020.

Koppel, Ted. *Lights Out: A Cyberattack, A Nation Unprepared, Surviving the Aftermath*, Broadway Books, 2015.

Kramer, Andrew E. and Nicole Perlroth, “Expert Issues a Cyberwar Warning,” *The New York Times*, June 3, 2012. https://www.nytimes.com/2012/06/04/technology/cyberweapon-warning-from-kaspersky-a-computer-security-expert.html

Kramer, Andrew. “Four To Face Murder Charges In Downing of Malaysia Airlines Flight 17,” *The New York Times*, June 19, 2019. https://www.nytimes.com/2019/06/19/world/europe/mh17-ukraine-russia-suspects.html.

Krogstad, Jens Manuel and Mark Hugo Lopez, Pew Research Center, “Black Voter Turnout Fell in 2016, Even as a Record Number of Americans Cast Ballots,” May 12, 2016. https://www.pewresearch.org/fact-tank/2017/05/12/black-voter-turnout-fell-in-2016-even-as-a-record-number-of-americans-cast-ballots/

Kuehn, Andreus, and Milton Mueller. “Analyzing Bug Bounty Programs: An Institutional Perspective on the Economics of Software Vulnerabilities,” TPRC Conference Paper, SSRN, April 1, 2014. https://papers.ssrn.com/sol3/papers.cfm?abstract\_id=2418812

Kushner, David, “Fear this Man,” *Foreign Policy*, Apr. 26, 2016. Accessed on Mar. 6, 2020. https://foreignpolicy.com/2016/04/26/fear-this-man-cyber-warfare-hacking-team-david-vincenzetti/

Kvit, Serhiy. “What the Ukrainian Protests Mean,” *University World News*, Jan 8, 2014. https://www.universityworldnews.com/post.php?story=20140108164131129

Lake, Eli, “Finland’s Plan to Prevent Russian Aggression,” *Bloomberg Opinion*, June 12, 2019. Accessed on Mar. 9, 2020.

Lambrecht, Bill. “San Antonio NSA Facility Includes ‘Elite Hackers’,” San Antonio Express News, Aug. 29, 2015 https://www.expressnews.com/news/local/article/San-Antonio-s-NSA-facility-includes-elite-6473940.php

Langner, Ralph. “Cracking Stuxnet, a 21st Century Cyber Weapon,” March 2011. Accessed on Jan. 27, 2020. https://www.ted.com/talks/ralph\_langner\_cracking\_stuxnet\_a\_21st\_century\_cyber\_weapon#t-615276

Levy, Adam, *Avoiding the Ransom: Cybersecurity for Business Owners and Managers,* lulu.com, 2016.

Levy, Steven. “How the NSA Almost Killed the Internet,” *Wired,* Jan. 7, 2014. Accessed on Mar. 13, 2020.

Lichtblau, Eric and Katie Benner, “Apple Fights Order to Unlock San Bernardino Gunman’s iPhone,” *The New York Times*, Feb. 17, 2016. https://www.nytimes.com/2016/02/18/technology/apple-timothy-cook-fbi-san-bernardino.html

——. “FBI Director Suggests Bill for iPhone Hacking Topped $1.3 Million,” *The New York Times*. April 21, 2016. https://www.nytimes.com/2016/04/22/us/politics/fbi-director-suggests-bill-for-iphone-hacking-was-1-3-million.html

Lima, Cristiano. “Trump on RT: Russian election interference ‘probably unlikely,’” *Politico*, Sept. 8, 2016.

Lipton, Eric, David E. Sanger, and Scott Shane. “The Perfect Weapon: How Russian Cyberpower Invaded the U.S.,” *The New York Times*, Dec. 13, 2016. https://www.nytimes.com/2016/12/13/us/politics/russia-hack-election-dnc.html

——. “Hacking the Democrats,” *The New York Times*. Dec. 14, 2016, Section A, Page 1. Accessed on Jan. 23, 2020.

Lohr, Steve. “Interview: Sergey Brin on Google’s China Move,” *The New York Times*. Mar. 22, 2010. Accessed on Mar. 9, 2020. https://bits.blogs.nytimes.com/2010/03/22/interview-sergey-brin-on-googles-china-gambit/

Lopez, Linette. “The President Of Argentina Thinks The US Wants Her Dead,” *Business Insider*. Oct. 2, 2014. Accessed on Mar. 14, 2020. https://www.businessinsider.com/the-president-of-argentina-thinks-the-us-wants-her-dead-2014-10

MacFarquhar, Neil. “Yevgeny Prigozhin, Russian Oligarch Indicted by U.S., Is Known as ‘Putin’s Cook’, *The New York Times*, Feb. 16, 2018. https://www.nytimes.com/2018/02/16/world/europe/prigozhin-russia-indictment-mueller.html

Maheshwari, Sapna. “On YouTube Kids, Startling Videos Slip Past Filters,” *The New York Times*. Nov. 4, 2017. Accessed on Mar. 10, 2020. https://www.nytimes.com/2017/11/04/business/media/youtube-kids-paw-patrol.html

Malseed, Mark. “The Story of Sergey Brin,” *Moment*, May 6, 2007. Accessed on Mar. 9, 2020.

http://www.momentmag.com/the-story-of-sergey-brin/

Maneky, Sharon, Center for Cryptologic History, National Security Agency, “Top Secret: Learning from the Enemy: The GUNMAN Project,” Jan. 8, 2007. Declassified: https://www.nsa.gov/Portals/70/documents/news-features/declassified-documents/cryptologic-histories/Learning\_from\_the\_Enemy.pdf Declassified: Jan. 12, 2001.

Manjoo, Farhad. “Why Passwords Aren’t Enough,” Slate. Feb. 18, 2011. Accessed on Mar. 10, 2020. https://slate.com/technology/2011/02/two-factor-authentication-gmail-s-new-system-offers-more-security-than-just-a-password.html

Marczak, Bill and John Scott-Railton. “Keep Calm and (Don’t) Enable Macros,” The Citizen Lab. May 29, 2016. Accessed on Mar. 6, 2020. https://citizenlab.ca/2016/05/stealth-falcon/

——. “The Million Dollar Dissident: NSO Group’s iPhone Zero-Days used against a UAE Human Rights Defender,” Citizen Lab. Au. 24, 2016. Accessed on Mar. 9, 2020. https://citizenlab.ca/2016/08/million-dollar-dissident-iphone-zero-day-nso-group-uae/

——, Sarah McKune, Bahr Abdul Razzak, and Ron Deibert, “Hide and Seek: Tracking NSO Group’s Pegasus Spyware to Operations in 45 Countries,” The Citizen Lab. Sep. 18, 2018. Accessed on Mar. 9, 2020. https://citizenlab.ca/2018/09/hide-and-seek-tracking-nso-groups-pegasus-spyware-to-operations-in-45-countries/

Market Watch, “Russia Internet of Things (IoT) Market Is Expected to Reach $74 Billion By 2023,” Oct. 17, 2019. https://www.marketwatch.com/press-release/russia-internet-of-things-iot-market-is-expected-to-reach-usd-740-billion-by-2023-at-a-cagr-of-1962-2019-10-17

Markoff, John and David Barboza. “2 China Schools Said To Be Tied To Online Attacks,” *The New York Times*. Feb 18, 2010. https://www.nytimes.com/2010/02/19/technology/19china.html

Markoff, John, “Computer Wins on ‘Jeopardy!’: Trivial, It’s Not,” *The New York Times*. Feb. 16, 2011. Accessed on Feb. 7, 2020. https://www.nytimes.com/2011/02/17/science/17jeopardy-watson.html

——. “Security Flaw Is Revealed in T-Mobile’s Google Phone,” *The New York Times*. Oct. 24, 2008. Accessed on Jan. 31, 2020. https://www.nytimes.com/2008/10/25/technology/internet/25phone.html?partner=rssnyt&emc=rss

——. “A Silent Attack, but Not a Subtle One,” *The New York Times*, September 26, 2010. https://www.nytimes.com/2010/09/27/technology/27virus.html Accessed Feb 2, 2020

Masnick, Mike. “Pissed Off Google Security Guys Issue FU To NSA, Announce Data Center Traffic Now Encrypted,” Techdirt. Nov. 6, 2013. Accessed on Mar. 13, 2020. https://www.techdirt.com/articles/20131106/00235225143/pissed-off-google-security-guys-issue-fu-to-nsa-announce-data-center-traffic-now-encrypted.shtml

Masoner, Richard, “Sergey Brin Rides an Elliptigo,” Cyclelicious, Oct. 21, 2011. http://www.cyclelicio.us/2011/sergey-brin-elliptigo/

Mayersen, Isaiah. “Over 95% of the 1,600 vulnerabilities discovered by Google’s Project Zero were fixed within 90 days,” Techspot. Aug. 4, 2019. Accessed on Mar. 14, 2020. https://www.techspot.com/news/81281-over-95-1600-vulnerabilities-discovered-google-project-zero.html

Mazzetti, Mark, Adam Goldman, and Ronen Bergman. “A New Age of Warfare: How Internet Mercenaries Do Battle for Authoritarian Governments,” *The New York Times*, Mar. 21, 2019.

——, Michael S. Schmidt, “Two Russian Compounds, Caught Up in History’s Echoes,” *The New York Times*, Dec. 29, 2016. https://www.nytimes.com/2016/12/29/us/politics/russia-spy-compounds-maryland-long-island.html

——, Adam Goldman, Ronen Bergman and Nicole Perlroth, “In New Age of Digital

Warfare, Spies for Any Nation’s Budget,” *The New York Times*. Mar. 22, 2019, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2019/03/21/us/politics/government-hackers-nso-darkmatter.html

McAfee and Center for Strategic International Studies, “Economic Impact of Cybercrime-No Slowing Down,” February 2018: https://www.mcafee.com/enterprise/en-us/assets/reports/restricted/rp-economic-impact-cybercrime.pdf

McCullagh, Declan, “HP backs down on copyright warning,” Cnet.com. Aug. 2, 2002. Accessed on Mar. 6, 2020. https://www.cnet.com/news/hp-backs-down-on-copyright-warning/

——. “FBI Quietly Forms Secretive Net-Surveillance Unit,” CNET, May 22, 2012, https://www.cnet.com/news/fbi-quietly-forms-secretive-net-surveillance-unit/

McKinsey, “What’s New With the Internet of Things?” May 2017, https://www.mckinsey.com/industries/semiconductors/our-insights/whats-new-with-the-internet-of-things

Megan Rose Dickey, “The Internship’ Movie Is a Two-Hour Commercial for Google,” *Business Insider*, May 24, 2013. http://www.businessinsider.com/the-internship-movie-google-2013-5

Meinel, Carolyn, “Code Red: Worm Assault on the Web,” *The Scientific American*, Oct. 28, 2002, https://www.scientificamerican.com/article/code-red-worm-assault-on/

Melendez, Steven, “The Weird, Hyper-Incentivized World Of “Bug Bounties,” Fast Company. Jan. 24, 2014. Accessed on Mar. 10, 2020. https://www.fastcompany.com/90463408/explore-digital-transformation-in-marketing

Menn, Joseph, “Exclusive: Yahoo secretly scanned customer emails for U.S. intelligence - sources,” Reuters. Oct. 4, 2016. Accessed on Jan. 27, 2020. https://www.reuters.com/article/us-yahoo-nsa-exclusive-idUSKCN1241YT

——. “Hackers Live By Own Code,” L.A. Times. Nov. 19, 2003. Accessed on Mar. 6, 2020. https://www.latimes.com/archives/la-xpm-2003-nov-19-fi-hackers19-story.html

—— and Leigh Thomas. “France probes Russian lead in TV5Monde hacking: sources,” Reuters. June 10, 2015. Accessed on Jan. 24, 2020. https://www.reuters.com/article/us-france-russia-cybercrime/france-probes-russian-lead-in-tv5monde-hacking-sources-idUSKBN0OQ2GG20150610

——. “Exclusive: Secret contract tied NSA and security industry pioneer,” Reuters. Dec. 20, 2013. Accessed on Jan. 27, 2020. https://www.reuters.com/article/us-usa-security-rsa/exclusive-secret-contract-tied-nsa-and-security-industry-pioneer-idUSBRE9BJ1C220131220

Meserve, Jeanne and Mike M. Ahlers. “Google reports China-based attack, says pullout possible,” CNN.com. Jan. 13, 2010. Accessed Mar. 9, 2020. https://www.cnn.com/2010/TECH/01/12/google.china/index.html

Metz, Cade. “Google is 2 Billion Lines of Code--And It’s All in One Place,” *Wired,* Sep. 16, 2015. Accessed on Mar. 9, 2020. https://*www.wired.com*/2015/09/google-2-billion-lines-codeand-one-place/

Miller, Charlie. “The Legitimate Vulnerability Market: Inside the Secretive World of 0-day Exploit Sales, Independent Security Evaluators,” May 6, 2007. Accessed on Jan. 31, 2020. https://www.econinfosec.org/archive/weis2007/papers/29.pdf

Miller, Claire Cain. “N.S.A. Spying Imposing Cost on Tech Firms,” *The New York Times*. March 22, 2014, Section A, Page 1. Accessed on Mar. 12, 2020. https://www.nytimes.com/2014/03/22/business/fallout-from-snowden-hurting-bottom-line-of-tech-companies.html

Mimoso, Michael S. “BlackEnergy Malware Used in Attacks Against Industrial Control Systems,” Oct. 29, 2014. https://threatpost.com/blackenergy-malware-used-in-attacks-against-industrial-control-systems/109067/

——. “The Pipe Dream of No More Free Bugs,” Information Security. May 7, 2009. Accessed on Jan. 31, 2020. https://searchsecurity.techtarget.com/The-Pipe-Dream-of-No-More-Free-Bugs

Mochkofsky, Graciela. “Obama’s Bittersweet Visit to Argentina,” *The New Yorker*, Mar. 23, 2016. https://www.newyorker.com/news/news-desk/obamas-bittersweet-visit-to-argentina

Modderkolk, Huib. “Dutch agencies provide crucial intel about Russia’s interference in U.S.-elections,” de Volkskrant, Jan. 25, 2018. https://www.volkskrant.nl/wetenschap/dutch-agencies-provide-crucial-intel-about-russia-s-interference-in-us-elections~b4f8111b/

Moltke, Henrik, “Mission Creep: How the NSA’s Game-Changing Targeting System Built for Iraq and Afghanistan Ended Up On the Mexico Border,” *The Intercept,* May 29, 2019. Accessed on Feb. 4, 2020. https://theintercept.com/2019/05/29/nsa-data-afghanistan-i;

Mount, Ian. “A Moveable Fiesta,” New York. Feb. 17, 2006. Accessed on Mar. 14, 2020. https://nymag.com/guides/changeyourlife/16047/

Mozur, Paul. “China, Addicted to Bootleg Software, Reels from Ransomware Attack,” *The New York Times*, May 15, 2017.

Murdock, Jason. “Ethical Hackers Sabotage F-15 Fighter Jet, Expose Serious Vulnerabilities,” Newsweek. Aug. 15, 2019. Accessed on Mar. 13, 2020. https://www.newsweek.com/cybersecurity-vulnerability-fighter-jet-f15-defcon-hacking-tads-flight-system-hack-pentagon-1454491

Murphy, Dan, “Could an Israeli air strike stop Iran’s nuclear program?” Christian Science

Monitor. Oct. 13, 2009. Accessed on Feb. 5, 2020. https://www.csmonitor.com/World/Middle-East/2009/1013/p08s01-wome.html

Murphy, Samantha, “Facebook’s New Mantra: Move Fast With Stability,” *Mashable*, Apr. 30, 2014. https://mashable.com/2014/04/30/facebooks-new-mantra-move-fast-with-stability/

Myers, Steven Lee. “Cyberattack on Estonia stirs fear of ‘virtual war,’” *The New York Times*, May 18, 2007. Accessed on Jan. 24, 2020. https://www.nytimes.com/2007/05/18/world/europe/18iht-estonia.4.5774234.html

Myre, Greg, “‘Maybe He Did, Maybe He Didn’t’: Trump Defends Saudis, Downplays U.S. Intel,” NPR, Nov. 20, 2018. Accessed on Feb. 8, 2020.

Nachenberg, Carey, “A Forensic Dissection of Stuxnet,” Center for International Security and Cooperation” Apr 23, 2012. Accessed on Feb. 7, 2020. https://cisac.fsi.stanford.edu/multimedia/forensic-dissection-stuxnet

Nagourney, Adam, Ian Lovett, Julie Turkewitz, Benjamin Mueller, “Couple Kept Tight Lid on Plans for San Bernardino Shooting,” *The New York Times*, Dec. 3, 2015. https://www.nytimes.com/2015/12/04/us/san-bernardino-shooting-syed-rizwan-farook.html

Nakashima, Ellen and Aaron Gregg, “NSA’s top talent is leaving because of low pay, slumping morale and unpopular reorganization,” *The Washington Post*. Jan. 2, 2018. Accessed on Feb. 8, 2020. https://www.washingtonpost.com/world/national-security/the-nsas-top-talent-is-leaving-because-of-low-pay-and-battered-morale/2018/01/02/ff19f0c6-ec04-11e7-9f92-10a2203f6c8d\_story.html

—— and Ashkan Soltani, “The ethics of Hacking 101,” *The Washington Post*. Oct. 7, 2014. Accessed on Mar. 6, 2020. https://www.washingtonpost.com/postlive/the-ethics-of-hacking-101/2014/10/07/39529518-4014-11e4-b0ea-8141703bbf6f\_story.html

—— and Joby Warrick, “For NSA Chief, Terrorist Threat Drives Passion to ‘Collect it All,’” *The Washington Post*. July 14, 2013. Accessed on Feb. 3, 2020. https://www.washingtonpost.com/world/national-security/for-nsa-chief-terrorist-threat-drives-passion-to-collect-it-all/2013/07/14/3d26ef80-ea49-11e2-a301-ea5a8116d211\_story.html

——. “Russian Government Hackers Penetrated DNC, Stole Opposition Research on Trump,” *The Washington Post*, Jun. 14, 2016. https://www.washingtonpost.com/world/national-security/russian-government-hackers-penetrated-dnc-stole-opposition-research-on-trump/2016/06/14/cf006cb4-316e-11e6-8ff7-7b6c1998b7a0\_story.html

——. “Russian military was behind ‘NotPetya’ cyberattack in Ukraine, CIA concludes,” *The Washington Post*. Jan. 12, 2018. Accessed on Jan. 24, 2020. https://www.washingtonpost.com/world/national-security/russian-military-was-behind-notpetya-cyberattack-in-ukraine-cia-concludes/2018/01/12/048d8506-f7ca-11e7-b34a-b85626af34ef\_story.html

——. “U.S. Developing Sanctions Against China over Cyberthefts,” *The Washington Post*, Aug. 30, 2015. https://www.washingtonpost.com/world/national-security/administration-developing-sanctions-against-china-over-cyberespionage/2015/08/30/9b2910aa-480b-11e5-8ab4-c73967a143d3\_story.html

Naradine, Ryan, “Questions for Pwn2Own hacker Charlie Miller,” Zero-day. Mar 19, 2009. Accessed on Jan. 31, 2020. https://www.zdnet.com/article/questions-for-pwn2own-hacker-charlie-miller/

National Security Agency, “Top Secret: Computer Network Operations and SigInt Enabling,” Document available at: https://cryptome.org/2013/09/nsa-sigint-enabling-*The Guardian*-13-0905.pdf

Newbery, Charles. “Argentina nuclear industry sees big promise in its small reactors,” Financial Times. Sept. 23, 2018. Accessed on Mar. 14, 2020. https://www.ft.com/content/d138b4a8-95b4-11e8-95f8-8640db9060a7

Nelsen, Harvey (2008) The U.S. intelligence budget in the 1990s, International Journal of Intelligence and CounterIntelligence, 6:2, 195-203, DOI: 10.1080/08850609308435211

Newman, Lily Hay. “A Top-Shelf iPhone Hack Now Goes for $1.5 Million,” *Wired,* Sept. 29, 2016. Accessed on Mar. 6, 2020.

Nossiter, Adam, David E. Sanger and Nicole Perlroth. “Hackers Came, But the French Were Prepared,” *The New York Times*. May 10, 2017, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2017/05/09/world/europe/hackers-came-but-the-french-were-prepared.html

Oreskovic, Alexei. “Google Employees Lash Out at NSA over Reports of Cable Tapping,” Reuters, Nov. 6, 2013.

Orlowski, Andrew, “Google’s Schmidt: We Know What You’re Thinking,” *The Register*, Oct. 4, 2010. https://www.theregister.co.uk/2010/10/04/google\_ericisms/

Osnos, Evan. “Born Red,” *The New Yorker*, Apr. 6, 2015. https://www.newyorker.com/magazine/2015/04/06/born-red

Ouroussoff, Nicolai. “Pride and Nostalgia Mix in The Times’s New Home,” *The New York Times*, Nov. 20, 2007 https://www.nytimes.com/2007/11/20/arts/design/20time.html

Page, Jeremy. “Why Russia’s President is “Putin the Great” in China,” *Wall Street Journal*, Oct. 1, 2014.

Parlapiano, Alicia and Jasmine C. Lee. “The Propaganda Tools Used by Russians to Influence the 2016 Election,” *The New York Times*. Feb. 16, 2018. Accessed on Jan. 24, 2020. https://www.nytimes.com/interactive/2018/02/16/us/politics/russia-propaganda-election-2016.html

Paustenbach, Mark. “Bernie Narrative,” via WikiLeaks, May 21, 2016. Wikileaks.org/dnc-emails

Payne, William H., Arthur R. Morales v. Lieutenant General Kenneth A. Minihan, Director, National Security Agency, Complaint for Injunctive Relief, United States District Court For The District of New Mexico, Filed Feb 28, 1997. https://cryptome.org/jya/nsasuit.txt

Perlroth, Nicole and Clifford Krauss. “How Hackers Lit a Fuse,” *The New York Times*. Mar. 16, 2018, Section B, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2018/03/15/technology/saudi-arabia-hacks-cyberattacks.html

Perlroth, Nicole and David E. Sanger, “*The New York Times*’s Moscow Bureau Was Targeted by Hackers,” *The New York Times*, Aug. 23, 2016. https://www.nytimes.com/2016/08/24/technology/new-york-timess-moscow-bureau-was-targeted-by-hackers.html

——. “Cyberattacks Seem Meant to Destroy, Not Just Disrupt,” *The New York Times*, Mar. 28, 2013. https://www.nytimes.com/2013/03/29/technology/corporate-cyberattackers-possibly-state-backed-now-seek-to-destroy-data.html

——. “Hackers Hit Dozens of Countries Exploiting Stolen NSA Tool,” *The New York Times*, May 12, 2017. https://www.nytimes.com/2017/05/12/world/europe/uk-national-health-service-cyberattack.html

——. “Nations Buying As Hackers Sell Flaws in Computer Code,” *The New York Times*, July 13, 2013. https://www.nytimes.com/2013/07/14/world/europe/nations-buying-as-hackers-sell-computer-flaws.html

——. “Nations Buying as Hackers Sell Flaws in Computer Code,” *The New York Times*, Jul. 13, 2013. https://www.nytimes.com/2013/07/14/world/europe/nations-buying-as-hackers-sell-computer-flaws.html

——. “Nations Buying as Hackers Sell Flaws in Computer Code,” *The New York Times*, July 13, 2013.

——. “North Korea Loses Its Link to the Internet,” *The New York Times*, Dec. 22, 2014. https://www.nytimes.com/2014/12/23/world/asia/attack-is-suspected-as-north-korean-internet-collapses.html

——. “U.S. Embedded Spyware Overseas, Report Says,” *The New York Times*. Feb. 17, 2015, Section B, Page 1. Accessed on Feb. 4, 2020. https://www.nytimes.com/2015/02/17/technology/spyware-embedded-by-us-in-foreign-networks-security-firm-says.html

Perlroth, Nicole and Quentin Hardy. “Bank Hacking Was the Work of Iranians, Officials Say,” *The New York Times*, Jan. 8, 2013. https://www.nytimes.com/2013/01/09/technology/online-banking-attacks-were-work-of-iran-us-officials-say.html

Perlroth, Nicole and Scott Shane, “How Israel Caugh Russian Hackers Scouring the World for U.S. Secrets,” *The New York Times*. Oct. 10, 2017. https://www.nytimes.com/2017/10/10/technology/kaspersky-lab-israel-russia-hacking.html

——. “In Baltimore and Beyond, a Stolen NSA Tool Wreaks Havoc,” *The New York Times*, May 25, 2019. https://www.nytimes.com/2019/05/25/us/nsa-hacking-tool-baltimore.html

Perlroth, Nicole and Tariq Panja. “Russia Hacked Agencies, Microsoft Says,” *The New York Times*. Oct. 29, 2019, Section B, Page 11. Accessed on Jan. 24, 2020. https://www.nytimes.com/2019/10/28/sports/olympics/russia-doping-wada-hacked.html

Perlroth, Nicole and Vindu Goel. “Internet Firms Step Up Efforts to Stop Spying,” *The New York Times*. Dec. 5, 2013, Section A, Page 1. Accessed on Mar. 13, 2020. https://www.nytimes.com/2013/12/05/technology/internet-firms-step-up-efforts-to-stop-spying.html

Perlroth, Nicole, ‘A Cyberattack the World Isn’t Ready for,” *The New York Times*, Jun. 22, 2017. https://www.nytimes.com/2017/06/22/technology/ransomware-attack-nsa-cyberweapons.html

——. “2nd China Army Unit Implicated in Online Spying,” *The New York Times*, Jun. 9, 2014. https://www.nytimes.com/2013/05/20/world/asia/chinese-hackers-resume-attacks-on-us-targets.html

——. “Ahead of Spyware Conference, More Evidence of Abuse,” *The New York Times*. Oct. 10, 2012. Accessed Mar. 9, 2020. https://bits.blogs.nytimes.com/2012/10/10/ahead-of-spyware-conference-more-evidence-of-abuse/

——. “Apple Says It Is ‘Unaware’ of NSA iPhone Hack Program,” *The New York Times*. Dec. 31, 2013. Accessed on Feb. 4, 2020. https://bits.blogs.nytimes.com/2013/12/31/apple-says-it-is-unaware-of-n-s-a-iphone-hack-program/

——. “Apple Updates iOS to Patch a Security Hole Used to Spy on Dissidents,” *The New York Times*. Aug. 26, 2016, Section B, Page 2. Accessed on Mar. 9, 2020. https://www.nytimes.com/2016/08/26/technology/apple-software-vulnerability-ios-patch.html

——. “Case Based in China Puts a Face on Persistent Hacking,” *The New York Times*, Mar. 29, 2012. https://www.nytimes.com/2012/03/30/technology/hacking-in-asia-is-linked-to-chinese-ex-graduate-student.html

——. “China Is Tied To Spying On European Diplomats,” *The New York Times*, Dec 10, 2013, https://www.nytimes.com/2013/12/10/world/asia/china-is-tied-to-spying-on-european-diplomats.html

——. “Chinese and Iranian Hackers Renew Their Attacks on U.S. Companies,” *The New York Times*, Feb. 18, 2019. https://www.nytimes.com/2019/02/18/technology/hackers-chinese-iran-usa.html

——. “Chinese Hackers Infiltrate *The New York Times* Computers,” *The New York Times*, Jan 30, 2013. https://www.nytimes.com/2013/01/31/technology/chinese-hackers-infiltrate-new-york-times-computers.html

——. “Electronic Security a Worry in an Age of Digital Espionage,” *The New York Times*, Feb. 11, 2012.

——. “Elusive FinSpy Spyware Pops Up in 10 Countries,” *The New York Times*. Aug. 13, 2012. Accessed on Feb. 18, 2020. https://bits.blogs.nytimes.com/2012/08/13/elusive-finspy-spyware-pops-up-in-10-countries/

——. “Finding the Cleanup Crew After a Messy Hack Attack,” *The New York Times*, Dec. 29, 2011.

——. “Government Announces Steps to Restore Confidence on Encryption Standards,” https://www.nytimes.com/column/bits. Sept. 10, 2013. Accessed on Jan. 27, 2020. https://bits.blogs.nytimes.com/2013/09/10/government-announces-steps-to-restore-confidence-on-encryption-standards/

——. “Governments Turn to Commercial Spyware to Intimidate Dissidents,” *The New York Times*, May 29, 2016. https://www.nytimes.com/2016/05/30/technology/governments-turn-to-commercial-spyware-to-intimidate-dissidents.html

——. “Governments Turn to Commercial Spyware to Intimidate Dissidents,” *The New York Times*, May 29, 2016. https://www.nytimes.com/2016/05/30/technology/governments-turn-to-commercial-spyware-to-intimidate-dissidents.html

——. “Hacked Vs Hackers, Game on,” *The New York Times*, Dec. 3 2014. https://bits.blogs.nytimes.com/2014/12/02/hacked-vs-hackers-game-on/

——. “Hackers Lurking in Vents and Soda Machines,” *The New York Times*. April 8, 2014, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2014/04/08/technology/the-spy-in-the-soda-machine.html

——. “How Two Amateur Sleuths Looked for FinSpy Software,” *The New York Times*. Aug. 31, 2012. Accessed on Feb. 18, 2020. https://bits.blogs.nytimes.com/2012/08/31/how-two-amateur-sleuths-looked-for-finspy-software/

——. “Intimidating Dissidents With Spyware,” *The New York Times*. May 30, 2016, Section B, Page 1. Accessed Mar. 9, 2020. https://www.nytimes.com/2016/05/30/technology/governments-turn-to-commercial-spyware-to-intimidate-dissidents.htm

——. “Intimidating Dissidents With Spyware,” *The New York Times*. May 30, 2016, Section B, Page 1. Accessed on Mar. 6, 2020. https://www.nytimes.com/2016/05/30/technology/governments-turn-to-commercial-spyware-to-intimidate-dissidents.html

——. “Invasive Spyware’s Odd Targets: Mexican Advocates of Soda Tax,” *The New York Times*. Feb. 12, 2017, Section A, Page 1. Accessed on Mar. 6, 2020. https://www.nytimes.com/2017/02/11/technology/hack-mexico-soda-tax-advocates.html

——. “Invasive Spyware’s Odd Targets: Mexican Advocates of Soda Tax,” *The New York Times*. Feb. 12, 2017, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2017/02/11/technology/hack-mexico-soda-tax-advocates.html

——. “Luring Young Web Warriors Is Priority. It’s Also a Game,” *The New York Times*, Mar. 25, 2013. https://www.nytimes.com/2013/03/25/technology/united-states-wants-to-attract-hackers-to-public-sector.html

——. “Microsoft Tries to Make Windows Updates Flame Retardant,” *The New York Times*, Jun. 4, 2012. https://bits.blogs.nytimes.com/2012/06/04/microsoft-tries-to-make-windows-updates-flame-retardant/

——. “More Evidence Points to North Korea in Ransomware Attacks,” *The New York Times*, May 22, 2017, https://www.nytimes.com/2017/05/22/technology/north-korea-ransomware-attack.html

——. “More Evidence Points to North Korea in Ransomware Attacks,” *The New York Times*, May 22, 2017, https://www.nytimes.com/2017/05/22/technology/north-korea-ransomware-attack.html

——. “Phone Spying Is Made Easy. Choose a Plan,” *The New York Times*. Sept. 3, 2016, Section A, Page 1. Accessed Mar. 9, 2020. https://www.nytimes.com/2016/09/03/technology/nso-group-how-spy-tech-firms-let-governments-see-everything-on-a-smartphone.html

——. “Phone Spying Is Made Easy. Choose a Plan,” *The New York Times*. Sept. 3, 2016, Section A, Page 1. Accessed Mar. 9, 2020. https://www.nytimes.com/2016/09/03/technology/nso-group-how-spy-tech-firms-let-governments-see-everything-on-a-smartphone.html

——. “Researchers Find 25 Countries Using Surveillance Software,” *The New York Times*. Mar 13, 2013. Accessed Feb. 18, 2020. https://bits.blogs.nytimes.com/2013/03/13/researchers-find-25-countries-using-surveillance-software/

——. “Russian Hackers Targeting Oil and Gas Companies,” *The New York Times*, June 30, 2014. https://www.nytimes.com/2014/07/01/technology/energy-sector-faces-attacks-from-hackers-in-russia.html

——. “Russian Hackers Targeting Oil and Gas Companies,” *The New York Times*, June 30, 2014. https://www.nytimes.com/2014/07/01/technology/energy-sector-faces-attacks-from-hackers-in-russia.html

——. “Silicon Valley Sounds Off on Failed Cybersecurity Legislation,” *The New York Times*, Aug. 3, 2012 https://bits.blogs.nytimes.com/2012/08/03/silicon-valley-sounds-off-on-failed-cybersecurity-legislation/

——. “Software Meant to Fight Crime Is Used to Spy on Dissidents,” *The New York Times*.  Aug. 31, 2012, Section A, Page 1. Accessed on Feb. 18, 2020.

——. “Some Victims of Online Hacking Edge into the Light,” *The New York Times*, Feb. 20, 2013. https://www.nytimes.com/2013/02/21/technology/hacking-victims-edge-into-light.html

——. “Tough Times At Homeland Security,” *The New York Times*, May 13, 2013.

——. “Traffic Hacking: Caution Light Is On,” *The New York Times*. June 10, 2015. Accessed on Mar. 14, 2020. https://bits.blogs.nytimes.com/2015/06/10/traffic-hacking-caution-light-is-on/

——. “Two From China Are Charged in 2014 Anthem Data Breach,” *The New York Times*. May 9, 2019. Accessed on Jan. 24, 2020.

——. “Winners and Losers in Silicon Valley’s War for Talent,” *Forbes*, Jun. 7, 2011. https://www.forbes.com/sites/nicoleperlroth/2011/06/07/winners-and-losers-in-silicon-valleys-war-for-talent/#4a42a0924bee

——, David E. Sanger, Michael S. Schmidt, “As Hacking Against U.S. Rises, Experts Try to Pin Down Motive,” *The New York Times*, Mar. 3, 2013. https://www.nytimes.com/2013/03/04/us/us-weighs-risks-and-motives-of-hacking-by-china-or-iran.html

——, Jeff Larson and Scott Shane, “NSA Able To Foil Basic Safeguards Of Privacy On Web,” *The New York Times*. Sept. 6, 2013, Section A, Page 1. Accessed on Jan. 27, 2020. https://www.nytimes.com/2013/09/06/us/nsa-foils-much-internet-encryption.html

——, Kate Conger and Paul Mozur. “China Sharpens Hacking To Hound Its Minorities,” *The New York Times*. Oct. 25, 2019, Section B, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2019/10/22/technology/china-hackers-ethnic-minorities.html

——, Mark Scott and Sheera Frenkel. “A Cyberattack Hits Ukraine, Then Spreads,” *The New York Times*, June 28, 2017, Section A, Page 1. Accessed on Jan. 23, 2020.

https://www.nytimes.com/2017/06/27/technology/ransomware-hackers.html

——, Michael Wines and Matthew Rosenberg. “Little Effort to Investigate in States Targeted by Election Hacking,” *The New York Times*. Sept. 2, 2017, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2017/09/01/us/politics/russia-election-hacking.html

——. “China Is Said To Use Powerful New Weapon to Censor Internet,” *The New York Times*, Apr. 10, 2015. https://www.nytimes.com/2015/04/11/technology/china-is-said-to-use-powerful-new-weapon-to-censor-internet.html

——. “Hackers in China Attacked The Times for Last 4 Months,” *The New York Times*. Jan. 31, 2013, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2013/01/31/technology/chinese-hackers-infiltrate-new-york-times-computers.html

——. “Hacking Case Based in China Is Given a Face,” *The New York Times*. March 30, 2012, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2012/03/30/technology/hacking-in-asia-is-linked-to-chinese-ex-graduate-student.html

——. “Hacking for Security, and Getting Paid for It,” *The New York Times*. Oct. 14, 2015. Accessed on Mar. 10, 2020. https://bits.blogs.nytimes.com/2015/10/14/hacking-for-security-and-getting-paid-for-it/

Perrone, Jane, “Code Red Worm,” *The Guardian*, Aug 1, 2001. https://*www.theguardian.com*/world/2001/aug/01/qanda.janeperrone

Peterson, Andrea, “LOVEINT: When NSA officers use their spying power on love interests,” *The Washington Post*. Aug. 24, 2013. Accessed on Feb. 4, 2020. https://www.washingtonpost.com/news/the-switch/wp/2013/08/24/loveint-when-nsa-officers-use-their-spying-power-on-love-interests/

——. “Why everyone is left less secure when the NSA doesn’t help fix security flaws,” *The Washington Post*. Oct. 4, 2013. Accessed on Feb. 8, 2020. https://www.washingtonpost.com/news/the-switch/wp/2013/10/04/why-everyone-is-left-less-secure-when-the-nsa-doesnt-help-fix-security-flaws/

Piller, Charles and Greg Miller, “Fast-Moving Virus Hits Computers Worldwide,” Los Angeles Times. May 5, 2000. Accessed on Jan. 29, 2020. https://www.latimes.com/archives/la-xpm-2000-may-05-mn-26739-story.html

Pritchet, Price, The Employee Handbook of New Work Habits for a Radically Changing World: 13 Ground Rules for Job Success in the Information Age. Pritchett & Associates, 1994.

Reuters, “NSA Tapped German Chancellery for Decades, WikiLeaks Claims,” Jul 8, 2015. Available at: https://*www.theguardian.com*/us-news/2015/jul/08/nsa-tapped-german-chancellery-decades-wikileaks-claims-merkel

Raymond, Eric S. *The New Hacker’s Dictionary*, MIT Press, 1996.

Reuters, “Jury Deadlocks on Main Counts Against Ex-CIA Coder Accused of Leaking Classified Data,” Mar. 9, 2010. https://www.nytimes.com/reuters/2020/03/09/us/09reuters-usa-crime-cia.html

Rice, Susan. *Tough Love: My Story of the Things Worth Fighting For*, Simon & Schuster, 2019.

Richtel, Matt and Brian X. Chen, “Tim Cook, Making Apple His Own,” *The New York Times*, Jun. 15, 2014. https://www.nytimes.com/2014/06/15/technology/tim-cook-making-apple-his-own.html

Romm, Tony. “Obama, tech execs talk surveillance,” Politico. Aug. 8, 2013. https://www.politico.com/story/2013/08/tim-cook-barack-obama-technology-095362. The article does not mention the letters, which came from other interviews.

Roose, Kevin. “Hacked Documents Reveal A Hollywood Studio’s Stunning Gender and Race Gap,’ Fusion, Dec. 1, 2014, https://splinternews.com/hacked-documents-reveal-a-hollywood-studios-stunning-ge-1793844312

Rosenbach, Marcel, Laura Poitras and Holger Stark, “How the NSA Accesses Smartphone Data,” Der Spiegel. Sept. 9, 2013. Accessed on Jan. 27, 2020. https://www.spiegel.de/international/world/how-the-nsa-spies-on-smartphones-including-the-blackberry-a-921161.html

Rosenberg, Matthew, Nicole Perlroth and David E. Sanger, “‘Chaos Is the Point’: Russian Hackers and Trolls Grow Stealthier in 2020,” *The New York Times*, Jan. 10, 2020.

Ross, Alec. *The Industries of the Future*, Simon & Schuster, 2016.

Ruiz, Rebecca R., “What U.S. Prosecutors Say 7 Russian Spies Did To Hurt Doping Agencies,” *The New York Times*. Oct. 5, 2018, Section B, Page 9. Accessed on Jan. 24, 2020. https://www.nytimes.com/2018/10/04/sports/russia-cyberattacks-antidoping.html

Sandia National Laboratory, “Evaluating Nuclear Weapons: A Key Sandia Mission,” Mar. 3, 2017 https://www.sandia.gov/news/publications/labnews/articles/2017/03-03/stockpile.html

Sanger, David E., “Chinese Curb Cyberattacks on U.S. Interests, Report Finds, *The New York Times*, Jun. 20, 2016: https://www.nytimes.com/2016/06/21/us/politics/china-us-cyber-spying.html

——. “Obama Order Sped Up Wave Of Cyberattacks Against Iran,” *The New York Times*. June 1, 2012, Section A, Page 1. Accessed on Jan. 27, 2020. https://www.nytimes.com/2012/06/01/world/middleeast/obama-ordered-wave-of-cyberattacks-against-iran.html

——. “Russian Hackers Train Focus on U.S. Power Grid,” *The New York Times*. July 28, 2018, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2018/07/27/us/politics/russian-hackers-electric-grid-elections-.html

——. “Shadow Brokers Leak Raises Alarming Question: Was the NSA Hacked?” *The New York Times*, Aug. 16 2016 https://www.nytimes.com/2016/08/17/us/shadow-brokers-leak-raises-alarming-question-was-the-nsa-hacked.html

Sanger, David E. *Confront and Conceal: Obama’s Secret Wars and Surprising Use of American Power*, Crown, 2013.

——. “Obama Order Sped Up Wave Of Cyberattacks Against Iran,” *The New York Times*. June 1, 2012, Section A, Page 1. Accessed on Jan. 27, 2020. https://www.nytimes.com/2012/06/01/world/middleeast/obama-ordered-wave-of-cyberattacks-against-iran.html

——. “Shadow Brokers’ Leak Raises Alarming Question: Was the NSA Hacked?” *The New York Times*, Aug. 16, 2016, www.nytimes.com

——. “The Inheritance: The World Obama Confronts and the Challenges to American Power,” Penguin Random House, 2010.

——. “U.S. Indicts 7 Iranians in Cyberattacks on Banks and a Dam,” *The New York Times*, Mar. 24, 2016. https://www.nytimes.com/2016/03/25/world/middleeast/us-indicts-iranians-in-cyberattacks-on-banks-and-a-dam.html

——. *Confront and Conceal. Obama’s Secret Wars and Surprising Use of American Power*. Crown, 2012.

——. *The Perfect Weapon: War, Sabotage, and Fear in the Cyber Age*, Crown, 2018.

—— and Brian X. Chen, “Signaling Post-Snowden Era, New iPhone Locks Out N.S.A.,” *The New York Times*. Sep. 26, 2014. Accessed on Mar. 14, 2020. https://www.nytimes.com/2014/09/27/technology/iphone-locks-out-the-nsa-signaling-a-post-snowden-era-.html

—— and Catie Edmondson. “Russians Hunted Election Defects In All 50 States,” *The New York Times*. July 26, 2019, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2019/07/25/us/politics/russian-hacking-elections.html

—— and Eric Schmitt, “Russian Ships Near Data Cables Are Too Close for U.S. Comfort,” *The New York Times*. Oct. 26, 2015, Section A, Page 1. Accessed on Feb. 1, 2020. https://www.nytimes.com/2015/10/26/world/europe/russian-presence-near-undersea-cables-concerns-us.html

—— and Nicole Perlroth, “As Democrats Gather, A Russian Subplot Raises Intrigue,” *The New York Times*, Jul. 24, 2016. https://www.nytimes.com/2016/07/25/us/politics/donald-trump-russia-emails.html

—— and Nicole Perlroth, “Hackers From China Resume Attacks on U.S. Targets,” *The New York Times*, May 19, 2013. https://www.nytimes.com/2013/05/20/world/asia/chinese-hackers-resume-attacks-on-us-targets.html

—— and Nicole Perlroth, “Internet Giants Erect Barriers to Spy Agencies,” *The New York Times*, Jun. 6, 2014. https://www.nytimes.com/2014/06/07/technology/internet-giants-erect-barriers-to-spy-agencies.html

—— and Nicole Perlroth, “Iranian Hackers Attack State Dept. via Social Media Accounts,” *The New York Times*, Nov 24. 2015. https://www.nytimes.com/2015/11/25/world/middleeast/iran-hackers-cyberespionage-state-department-social-media.html

——and Nicole Perlroth, “U.S. Escalates Online Attacks On Russia’s Power Grid,” *The New York Times*, Jun. 15, 2019. https://www.nytimes.com/2019/06/15/us/politics/trump-cyber-russia-grid.html

—— and Nicole Perlroth, “U.S. Penetrated Chinese Servers It Saw as Spy Risk,” *The New York Times*. March 23, 2014, Section A, Page 1. Accessed on Feb. 5, 2020.

—— and Nicole Perlroth, “U.S. Said to Find North Korea Ordered Cyberattack on Sony,” *The New York Times*, Dec. 17, 2014. https://www.nytimes.com/2014/12/18/world/asia/us-links-north-korea-to-sony-hacking.html

—— and Nicole Perlroth. “Chinese Hackers Resume Attacks On U.S. Targets,” *The New York Times*. May 20, 2013, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2013/05/20/world/asia/chinese-hackers-resume-attacks-on-us-targets.html

—— and Nicole Perlroth. “U.S. Is Said to Find North Korea Behind Cyberattack on Sony,” *The New York Times*. Dec. 18, 2014, Section A, Page 1. Accessed on Jan. 23, 2020.

——, David Barboza and Nicole Perlroth. “China’s Army Seen as Tied To Hacking Against U.S.,” *The New York Times*. Feb. 19, 2013, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2013/02/19/technology/chinas-army-is-seen-as-tied-to-hacking-against-us.html

——, David Kirkpatrick, Nicole Perlroth, “The World Once Laughed at North Korean Cyberpower. No More,” *The New York Times*, Oct. 15, 2017. https://www.nytimes.com/2017/10/15/world/asia/north-korea-hacking-cyber-sony.html

——, Michael S. Schmidt, Nicole Perlroth, “Obama Vows a Response to Cyberattack on Sony,” *The New York Times*, Dec. 19, 2014. https://www.nytimes.com/2014/12/20/world/fbi-accuses-north-korean-government-in-cyberattack-on-sony-pictures.html

——, Nicole Perlroth and Michael D. Shear, “Attack Gave Chinese Hackers Privileged Access to U.S. Systems,” *The New York Times*. June 21, 2015, Section A, Page 1. https://www.nytimes.com/2015/06/21/us/attack-gave-chinese-hackers-privileged-access-to-us-systems.html

——, Nicole Perlroth, Glenn Thrush and Alan Rappeport. “Marriott Data Breach Traced to Chinese Hackers,” *The New York Times*. Dec. 12, 2018, Section A, Page 1. Accessed on Mar. 9, 2020. https://www.nytimes.com/2018/12/11/us/politics/trump-china-trade.html

Sang-Hun, Choe and John Markoff. “Cyberattacks Jam Government and Commercial Web Sites in U.S. and South Korea,” *The New York Times*. July 8, 2009. Accessed on Feb. 7, 2020. https://www.nytimes.com/2009/07/09/technology/09cyber.html

Satariano, Adam and Nicole Perlroth. “Big Companies Thought Insurance Covered a Cyberattack, They May be Wrong.” *The New York Times*, April 15, 2019. https://www.nytimes.com/2019/04/15/technology/cyberinsurance-notpetya-attack.html

——. “Cyberattacks Reveal an Insurance Gray Area,” *The New York Times*, Apr. 21, 2019, Section BU, Page 1. Accessed on Jan. 23, 2020. https://www.nytimes.com/2019/04/15/technology/cyberinsurance-notpetya-attack.html

Savage, Charlie. “Redactions in U.S. Memo Leave Doubts on Data Surveillance Program,” *The New York Times*, Sept. 6, 2014.

——. “Declassified Report Shows Doubts About Value of NSA’s Warrantless Spying,” *The New York Times*, Apr. 24, 2015.

—— and Jonathan Weisman. “N.S.A. Collection of Bulk Call Data Is Ruled Illegal,” *The New York Times*. May 8, 2015, Section A, Page 1. Accessed on Feb. 4, 2020. https://www.nytimes.com/2015/05/08/us/nsa-phone-records-collection-ruled-illegal-by-appeals-court.html

—— and Nicole Perlroth, “Is DNC Email Hacker a Person or a Russian Front? Experts Aren’t Sure,” *The New York Times*, Jul. 27, 2016. https://www.nytimes.com/2016/07/28/us/politics/is-dnc-email-hacker-a-person-or-a-russian-front-experts-arent-sure.html

Scharping, Nathaniel, “Creepy Music and Soviet Spycraft: The Amazing Life of Leon Theremin,” Discover. Oct. 31, 2019. Accessed on Jan. 31, 2020. https://www.discovermagazine.com/technology/creepy-music-and-soviet-spycraft-the-amazing-life-of-leon-theremin

Schectman, Joel and Christopher Bing, “White House Veterans Helped Gulf Monarchy Build Secret Surveillance Unit,” Reuters. Dec. 10, 2019. Accessed on Feb. 18, 2020. https://www.reuters.com/investigates/special-report/usa-raven-whitehouse/

Schlosser, Eric. *Command and Control: Nuclear Weapons, the Damascus Accident, and the Illusion of Safety*, Penguin Press, 2013.

Schmidt, Michael S. and Nicole Perlroth. “Obama Order Gives Firms Cyberthrreat Information,” *The New York Times*, Feb. 12, 2013. https://www.nytimes.com/2013/02/13/us/executive-order-on-cybersecurity-is-issued.html

Schwartz, John. “IPhone Flaw Lets Hackers Take Over, Security Firm Says,” *The New York Times*. July 23, 2007. Accessed on Jan. 31, 2020. https://www.nytimes.com/2007/07/23/technology/23iphone.html

Schwartz, Mattathias. “Cyberwar For Sale,” *The New York Times*, Jan. 4, 2017. Accessed on Mar. 9, 2020. https://www.nytimes.com/2017/01/04/magazine/cyberwar-for-sale.html

Sciolino, Elaine, “The Bugged Embassy Case: What Went Wrong,” *The New York Times*. Nov. 15, 1988. Accessed on Jan. 31, 2020. https://www.nytimes.com/1988/11/15/world/the-bugged-embassy-case-what-went-wrong.html

Security Controls for Computer Systems (U): Report of Defense Science Board Task Force on Computer Security. The RAND Corporation, February 1970. https://csrc.nist.gov/csrc/media/publications/conference-paper/1998/10/08/proceedings-of-the-21st-nissc-1998/documents/early-cs-papers/ware70.pdf

Seipel, Brooke. “Trump’s Victory Margin Smaller Than Total Stein Votes in Key Swing States,” *The Hill*, Dec. 1, 2016. https://thehill.com/blogs/blog-briefing-room/news/308353-trump-won-by-smaller-margin-than-stein-votes-in-all-three

Semple, Kirk. “Government Spying Allegations in Mexico Spur Calls for Inquiry,” *The New York Times*, June 21, 2017, Section A, Page 5. Accessed on Mar. 9, 2020.

Senate Committee on Intelligence, “Report on Russian Active Measures Campaigns and Interference in the 2016 U.S. Election. Vol. 2. Russia’s Use ofo Social Media,” Available https://www.intelligence.senate.gov/sites/default/files/documents/Report\_Volume2.pdf

Shadow Brokers, “Equation Group Cyber Weapons Auction—Invitation,” Aug. 13, 2016. www.pastebin.com

Shalal-Esa, Andrea. “Top General Says U.S. Under Constant Cyber Attack Threat,” Reuters, May 14, 2013

Shane, Scott. “No Morsel Too Minuscule For All-Consuming NSA,” *The New York Times*. Nov. 3, 2013, Section A, Page 1. Accessed on Feb. 4, 2020. https://www.nytimes.com/2013/11/03/world/no-morsel-too-minuscule-for-all-consuming-nsa.html

—— and Daisuke Wakabayashi. “A Google Military Project Fuels Internal Dissent,” *The New York Times*. April 5, 2018, Section A, Page 1. Accessed on Mar. 10, 2020. https://www.nytimes.com/2018/04/04/technology/google-letter-ceo-pentagon-project.html

—— and Mark Mazzetti, “Inside a 3-Year Russian Campaign to Influence U.S. Voters,” *The New York Times*, Feb. 16, 2018. https://www.nytimes.com/2018/02/16/us/politics/russia-mueller-election.html

—— and Nicole Perlroth, “Security Breach and Spilled Secretes Have Shaken the NSA to Its Core,” *The New York Times*, Nov. 12, 2017. https://www.nytimes.com/2017/11/12/us/nsa-shadow-brokers.html

—— and Tom Bowman, “Rigging the Game. Spy sting: Few at the Swiss factory knew the mysterious visitors were pulling off a stunning intelligence coup -- perhaps the most audacious in the National Security Agency’s long war on foreign codes; NO SUCH AGENCY,” Baltimore Sun. Dec. 10, 1995. Accessed on Feb. 3, 2020. https://www.baltimoresun.com/news/bs-xpm-1995-12-10-1995344001-story.html

——. “No Morsel Too Miniscule for all-Consuming N.S.A.,” *The New York Times*, Nov. 2, 2013.

——, David E. Sanger, and Nicole Perlroth. “New NSA Breach Linked to Popular Russian Antivirus Software,” *The New York Times,* Oct. 5, 2017. https://www.nytimes.com/2017/10/05/us/politics/russia-nsa-hackers-kaspersky.html

——, Nicole Perlroth and David E. Sanger. “Deep Security Breach Cripples NSA,” *The New York Times*. Nov. 13, 2017, Section A, Page 1. Accessed on Jan. 24, 2020. https://www.nytimes.com/2017/11/12/us/nsa-shadow-brokers.html

——, Nicole Perlroth, and David E. Sanger. “Security Breach and Spilled Secrets Have Shaken the NSA to Its Core,” *The New York Times*, Nov. 12, 2017.

——. “Malware Case Is Major Blow for the NSA,” *The New York Times*, May 16, 2017. https://www.nytimes.com/2017/05/16/us/nsa-malware-case-shadow-brokers.html

——. “The Fake Americans Russia Created to Influence the Election,” *The New York Times*, Sept. 7, 2017, https://www.nytimes.com/2017/09/07/us/politics/russia-facebook-twitter-election.html

Shear, Michael D. “After Election, Trump’s Professed Love for Leaks Quickly Faded,” *The New York Times*, Feb. 15, 2017

Shipler, David K., “Israeli Jets Destroy Iraqi Atomic Reactor; Attack Condemned By U.S. and Arab Nations,” *The New York Times*. June 9, 1981, Section A, Page 1. Accessed on Feb. 5, 2020. https://www.nytimes.com/1981/06/09/world/israeli-jets-destroy-iraqi-atomic-reactor-attack-condemned-us-arab-nations.html

Silver, Vernon. “MJM as Personified Evil Says Spyware Saves Lives Not Kills Them,” Bloomberg. Nov. 8, 2012. Accessed on Mar. 6, 2020. https://www.bloomberg.com/news/articles/2012-11-08/mjm-as-personified-evil-says-spyware-saves-lives-not-kills-them

Silverstein, Richard, “Israel’s Cyber Security Firm ‘NSO Group’ Permits Foreign Intelligence Agencies to Spy on Human Rights Activists,” Global Research, June 20, 2017. Accessed on Mar. 9, 2020. https://www.globalresearch.ca/israels-cyber-security-firm-nso-group-permits-foreign-intelligence-agencies-to-spy-on-human-rights-activists/5595566

Singel, Ryan. “Funding for TIA All But Dead,” *Wired,* July 14, 2003. Accessed on Feb. 4, 2020. https://*www.wired.com*/2003/07/funding-for-tia-all-but-dead/

Slivka, Andrey. “Joining The Tycoons at a Black Sea Playground in Crimea,” *The New York Times*, Aug. 20, 2006 https://www.nytimes.com/2006/08/20/travel/20next.html

Smith, Ben. “The New York Times And The Guardian Will Publish More Snowden Revelations,” BuzzFeed.News. Aug. 23, 2013. Accessed on Jan. 27, 2020. https://www.buzzfeednews.com/article/bensmith/new-york-times-*The Guardian*-snowden

——. Remarks On Cybersecurity and a Digital Geneva Convention, United Nations, Nov. 9, 2017. Available at: https://www.youtube.com/watch?v=EMG4ZukkClw

Snowden, Edward J. Twitter Post, Aug. 16, 2016. https://twitter.com/Snowden/status/765515619584311296

Special Counsel Robert S. Mueller, III, Volumes I and II, Report on the Investigation Into Russian Interference In the 2016 Presidential Election,” March 2019. Available at: https://www.justice.gov/storage/report.pdf

Staff Statement No. 15: “Overview of the Enemy,” National Commission on Terrorist Attacks Upon the United States, 2004. https://govinfo.library.unt.edu/911/staff\_statements/staff\_statement\_15.pdf

Stangel, Luke. “Chinese Retail Giant Alibaba Opening New R&D Lab in San Mateo,” *Silicon Valley Business Journal*, Oct. 11, 2017. https://www.mercurynews.com/2019/01/25/alibaba-arranges-big-lease-for-silicon-valley-outpost-in-sunnyvale/

Sterling, Bruce, “Deny, degrade, disrupt, deceive, or destroy,” *Wired,* April 5, 2019. Accessed on Jan. 28, 2020. https://*www.wired.com*/beyond-the-beyond/2019/04/deny-degrade-disrupt-deceive-destroy/

——. “Shadow Brokers Manifesto,” *Wired*, Aug 19, 2016. https://*www.wired.com*/beyond-the-beyond/2016/08/shadow-brokers-manifesto/

Stewart, James B. “A Google C.F.O. Who Can Call Time-Outs,” *The New York Times*, July 24, 2015, Section B, Page 1. Accessed on Mar. 10, 2020. https://www.nytimes.com/2015/07/24/business/ruth-porat-may-be-just-what-investors-think-google-needs.html

Symantec Press Release, “Symantec Acquisition of SecurityFocus Completed,” August 6, 2002. https://www.nortonlifelock.com/en/uk/about/newsroom/press-releases/2002/symantec\_0806\_02

Ted2011 Program Schedule. https://conferences.ted.com/TED2011/program/schedule.php.html

The Cryptographer’s Panel, RSA Conference, Paul Kocher, Ron Rivest, Adi Shamir, Whitfield Diffie, Brian LaMacchia. Accessed Mar. 24, 2020. https://www.youtube.com/watch?v=gMc9fHvc78Y

Treverton, Gregory F., RAND Corporation. “The 2007 National Intelligence Estimate on Iran’s Nuclear Intentions and Capabilities,” Center for the Study of Intelligence, May 2013 https://www.cia.gov/library/center-for-the-study-of-intelligence/csi-publications/books-and-monographs/csi-intelligence-and-policy-monographs/pdfs/support-to-policymakers-2007-nie.pdf

The Federal Bureau of Investigation, “The Melissa Virus,” March 25, 2019: https://www.fbi.gov/news/stories/melissa-virus-20th-anniversary-032519

The Gulf Centre for Human Rights, “United Arab Emirates: Call for independent experts to visit Ahmed Mansoor, on liquids only hunger strike since September,” Feb. 2, 2020. https://www.gc4hr.org/news/view/2319

The S4x2013 Conference. https://dale-peterson.com/2013/01/25/s4x13-now-and-the-scada-apologist/

Department of Justice, “U.S. Charges Russian GRU Officers with International Hacking and Related Influence and Disinformation Operations,” Oct. 4, 2020.

Special Counsel Robert S. Mueller III, “Report On The Investigation Into Russian Interference In the 2016 Election,” Volume I and II, March 2019. https://www.justice.gov/storage/report.pdf

Secretary of State Michael R. Pompeo, “The United States Condemns Russian Cyber Attack Against the Country of Georgia,” Statement, Feb. 20, 2020. https://www.state.gov/the-united-states-condemns-russian-cyber-attack-against-the-country-of-georgia/

The National Security Archive Electronic Briefing Book No. 133. Posted Dec 4, 2003. https://nsarchive2.gwu.edu/NSAEBB/NSAEBB104/index.htm

The W3C Organization maintains a timeline of the web’s development here: https://www.w3.org/History.html

The Weatherhead Center for International Affairs, Harvard University, Talloires Report 2013, https://conferences.wcfia.harvard.edu/files/talloires/files/talloiresreport2013.pdf

The World Factbook, Central Intelligence Agency, https://www.cia/gov/library/publications/the-world-factbook/rankorder/2004rank.html, accessed August 2017

Theshadowbrokers, “Response to Response to DOXing,” Steemit Post, 2017. https://steemit.com/shadowbrokers/@theshadowbrokers/response-to-response-to-doxing

Thomas, Timothy. “Three Faces of the Cyber Dragon: Cyber Peace Activist, Spook, Attacker,” Foreign Military Studies Office, 2012.

Thompson, Clive. “Google’s China Problem (And China’s Google Problem),” *The New York Times*. Apr. 23, 2006, Section 6, Page 64. Accessed on Mar. 9, 2020. https://www.nytimes.com/2006/04/23/magazine/googles-china-problem-and-chinas-google-problem.html

Thompson, Ken. Turing Award Lecture, “Reflections On Trusting Trust,” August 1984. https://www.cs.cmu.edu/~rdriley/487/papers/Thompson\_1984\_ReflectionsonTrustingTrust.pdf

Tidsall, Simon, “Finland warns of new cold war over failure to grasp situation in Russia,” *The Guardian*. Nov. 5, 2014. Accessed on Mar. 9, 2020. https://*www.theguardian.com*/world/2014/nov/05/finland-warns-cold-war-russia-eu

Trudeau, Garry, Doonesbury, October 18, 1993 is available at: https://www.gocomics.com/doonesbury/1993/10/18

U.S. Department of Defense, “D.O.D. Expands ‘Hack the Pentagon’ Crowdsourced Digital Defense Program,” Press Release. Oct. 24, 2018. https://www.defense.gov/Newsroom/Releases/Release/Article/1671231/department-of-defense-expands-hack-the-pentagon-crowdsourced-digital-defense-pr/

U.S. Department of Energy, “The Manhattan Project: An Interactive History,” Available here: https://www.osti.gov/opennet/manhattan-project-history/Events/1942-1945/establishing\_los\_alamos.htm

USA Today/Gallop Poll 2001- 2008 https://news.gallup.com/poll/110806/bushs-approval-rating-drops-new-low-27.aspx

Vargas-Cooper, Natasha, “Enemy of the State,” *The Advocate*, November 12, 2013. https://www.advocate.com/print-issue/current-issue/2013/11/12/enemy-state

Wallace, Robert, H. Keith Melton and Henry R. Schlesinger. *Spycraft: The Secret History of the CIA’s Spytechs, from Communism to Al-Qaeda*. Penguin, 2008.

Walsh, Declan,. “Tiny, Wealthy Qatar Goes Its Own Way, and Pays for It,” *The New York Times*, Jan. 22, 2018. https://www.nytimes.com/2018/01/22/world/middleeast/qatar-saudi-emir-boycott.html

Walton, Calder. “That Time the Soviets Bugged Congress and Other Spy Tales,” *Politico* Magazine, May 22, 2017: https://www.politico.com/magazine/story/2017/05/22/donald-trump-russia-soviet-union-spying-congress-bug-215174

Wang, Amy B. “Convicted Leaker Reality Winner Thanks Trump After He calls Her Sentence So Unfair,” *The Washington Post*, Aug. 30, 2018. https://www.cnn.com/2018/08/23/politics/reality-winner-nsa-leaker-sentenced/index.html

Ware, Willis H., The RAND Corporation. “Security and Privacy in Computer Systems.” National Security Archive, April 1967. Accessed Mar. 24, 2020. https://nsarchive2.gwu.edu//dc.html?doc=2828418-Document-01-Willis-H-Ware-RAND-Corporation-P

Watson, Ivan and Steven Jiang, “Scores of rights lawyers arrested after nationwide swoop in China,” CNN, Jul. 15, 2015. https://www.cnn.com/2015/07/13/china/china-activists-arrests/index.html

Weill, Kelly. “How YouTube Built a Radicalization Machine for the Far-Right,” *The Daily Beast*, Dec. 17, 2018. Accessed on Mar. 10, 2020. https://www.thedailybeast.com/how-youtube-pulled-these-men-down-a-vortex-of-far-right-hate

Weinberger, Sharon, “Private Surveillance Is a Lethal Weapon Anybody Can Buy,” *The New York Times*. July 19, 2019. Accessed on Feb. 18, 2020. https://www.nytimes.com/2019/07/19/opinion/private-surveillance-industry.html

Weiner, Craig J. “Penetrate, Exploit, Disrupt, Destroy: The Rise of Computer Network Operations as a Major Military Innovation,” George Mason University, 2016. Available here: https://www.semanticscholar.org/paper/Penetrate%2C-Exploit%2C-Disrupt%2C-Destroy%3A-The-Rise-of-a-Wiener/308d7d4a97c6cbb1afc072594a8268e9ad127c91

Weise, Karen, “Russian Hackers Hit Europe, Microsoft Says,” *The New York Times*. Feb. 21, 2019, Section B, Page 5. Accessed on Jan. 24, 2020. https://www.nytimes.com/2019/02/20/technology/russia-hack-microsoft.html

Wheeler, Ashley. “Iranian Cyber Army, The Offensive Arm of Iran’s Cyber Force,” Phoenixts, September 2013, https://phoenixts.com/blog/iranian-cyber-army-still-maturing-threat/

Whitlock, Craig and Missy Ryan. “U.S. suspects Russia in hack of Pentagon computer network,” *The Washington Post*. Aug. 6, 2015. Accessed on Feb. 7, 2020. https://www.washingtonpost.com/world/national-security/us-suspects-russia-in-hack-of-pentagon-computer-network/2015/08/06/b80e1644-3c7a-11e5-9c2d-ed991d848c48\_story.html

WikiLeaks searchable Hacking Team database:  https://wikileaks.org/hackingteam/emails/

Wilhoit, Kyle and Jim Gogolinski. “Sandworm to Blacken: The SCADA Connection,” Trend Micro, Oct. 16, 2014. https://blog.trendmicro.com/trendlabs-security-intelligence/sandworm-to-blacken-the-scada-connection/

Williams, Jake. “Corporate Business Impact of Newest Shadow Brokers Dump,” Rendition Infosec, Apr. 9, 2017 https://blog.renditioninfosec.com/2017/04/corporate-business-impact-of-newest-shadow-brokers-dump/

Wright, Robin. “Turkey, Syria, The Kurds, And Trump’s Abandonment of Foreign Policy,” *The New Yorker*, Oct. 20, 2019.

Yglesias, Matthew. “What Really Happened in 2016, in 7 charts,” *Vox*, Sept. 18, 2017. https://www.*Vox*.com/policy-and-politics/2017/9/18/16305486/what-really-happened-in-2016

Young, Stephen. “Russian Trolls Successfully Peddled Texas Pride in 2016, Senate Reports Say,” *Dallas Observer*, Dec. 19, 2018. https://www.dallasobserver.com/news/russian-trolls-targeted-texas-in-2016-11421184

Zalman, Jonathan. “The FBI Is Apparently Paying an Israel-Based Tech Company $15,278.02 to Crack San Bernardino Killer’s iPhone,” *Tablet*. March 24, 2016. Accessed on Mar. 14, 2020. https://www.tabletmag.com/scroll/198908/the-fbi-is-apparently-paying-an-israel-based-tech-company-15278-02-to-crack-san-bernardino-killers-iphone

Zerodium Tweet: https://twitter.com/Zerodium/status/645955632374288384

Zetter, Kim. *Countdown to Zero Day: Stuxnet and the Launch of the World’s First Digital Weapon*. Crown Publishing, 2014.

——. “Google’s Hackers Had Ability To Alter Source Code,” *Wired,* Mar. 3, 2010.

——. “Hacking Team Leak Shows How Secretive Zero-Day Exploit Sales Work,” *Wired,* July 24, 2015. Accessed on Mar. 10, 2020. https://*www.wired.com*/2015/07/hacking-team-leak-shows-secretive-zero-day-exploit-sales-work/

——. “How Digital Detectives Deciphered Stuxnet, the Most Menacing Malware in History,” *Wired,* July 11, 2011. Accessed on Feb. 7, 2020. https://*www.wired.com*/2011/07/how-digital-detectives-deciphered-stuxnet/

——. “Inside the Cunning Unprecedented Hack of Ukraine’s Power Grid,” *Wired*, March, 3, 2016, http://*www.wired.com*/2016/03/inside-cunning-unprecedented-hack-ukraines-power-grid

——. “Why an Arms Control Pact Has Security Experts Up in Arms,” *The New York Times*. June 24, 2015. Accessed Feb. 18, 2020. https://*www.wired.com*/2015/06/arms-control-pact-security-experts-arms/

——. “US Used Zero-Day Exploits Before It Had Policies for Them,” *Wired*. Mar. 30, 2015. Accessed on Mar. 6, 2020.

——. “Google’s Hackers Had Ability To Alter Source Code,” *Wired,* Mar. 3, 2010.

“Aramco Says Cyberattack Was Aimed at Production,” Reuters, Dec. 9, 2012. https://www.nytimes.com/2012/12/10/business/global/saudi-aramco-says-hackers-took-aim-at-its-production.html

“Black Smoke Pours From Chimney At Russian Consulate in San Francisco,” CBS News, Sept. 2, 2017. https://www.cbsnews.com/news/black-smoke-chimney-russian-consulate-san-francisco/

“Charlie Miller: Hacking Leopard: Tools and Techniques for Attacking the Newest Mac OS X,” Black Hat Briefings, USA 2007 [Video] Presentations from the security conference, Apple Podcasts. Accessed Mar. 24, 2020. https://podcasts.apple.com/gb/podcast/charlie-miller-hacking-leopard-tools-techniques-for/id271135268?i=1000021627342

“Number of U.S. Soldiers Killed in the Iraq War from 2003- 2019,” https://www.statista.com/statistics/263798/american-soldiers-killed-in-iraq/

“Text: Obama’s Remarks on Cyber-Security,” *The New York Times*. May 29, 2009. Accessed on Feb. 7, 2020. https://www.nytimes.com/2009/05/29/us/politics/29obama.text.html

“Two September 11 Hijackers: Khalid Al-Mihdhar and Nawaf Al-Hazmi,” Special Report: A Review of the FBI’s Handling of Intelligence Information Related to the September 11 Attacks, Chapter Five. Office of the Inspector General, November 2004. https://oig.justice.gov/special/s0606/chapter5.html

“US first lady Michelle Obama arrives in Qatar for speech,” *Associated Press*, Nov. 2, 2015. Accessed on Mar. 6, 2020. https://www.businessinsider.com/ap-us-first-lady-michelle-obama-arrives-in-qatar-for-speech-2015-11

“9/11 commission faults U.S. intelligence,” CNN.com, May 19, 2004. Accessed on Feb. 4, 2020. https://www.cnn.com/2004/ALLPOLITICS/04/14/911.commission/index.html

“Ahmadinejad Tours Natanz, Announces Enrichment Progress,” Iran Watch, Apr. 8, 2008. Accessed on Feb. 7, 2020. https://www.iranwatch.org/our-publications/worlds-response/ahmadinejad-tours-natanz-announces-enrichment-progress

“Announcing Pwnium 2,” Chromium, Aug. 15, 2012. https://blog.chromium.org/2012/08/announcing-pwnium-2.html

“At 10-Year Milestone, Microsoft’s Trustworthy Computing Initiative More Important Than Ever,” Microsoft, Jan. 12, 2012 https://news.microsoft.com/2012/01/12/at-10-year-milestone-microsofts-trustworthy-computing-initiative-more-important-than-ever/

“Cisco Adaptive Security Appliance SNMP Remote Code Execution Vulnerability,” Cisco Security Advisory Alerts, Aug. 17, 2016. https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20160817-asa-snmp

“Documents Reveal Top NSA Hacking Unit,” Spiegel International, Dec. 29, 2013. Accessed on Feb. 4, 2020. https://www.spiegel.de/international/world/the-nsa-uses-powerful-toolbox-in-effort-to-spy-on-global-networks-a-940969.html

“Documents Show N.S.A. Efforts to Spy on Both Enemies and Allies,” *The New York Times*, Nov. 3, 2013.

“Five Eyes Hacking Large Routers,” *The Intercept*, Mar. 12, 2014: https://theintercept.com/document/2014/03/12/five-eyes-hacking-large-routers/

“Google’s Schmidt: NSA Spying on Data Centers Is ‘Outrageous,’” Digits blog, *The Wall Street Journal*, Nov. 4, 2013. Accessed on Mar. 13, 2020. https://blogs.wsj.com/digits/2013/11/04/googles-schmidt-on-nsa-china-and-north-korea/

“Huawei probed for security, espionage risk,” 60 Minutes, CBS News. October 7, 2012. Accessed on Feb. 5, 2020. https://www.cbsnews.com/news/huawei-probed-for-security-espionage-risk/

“Iran Enjoys 4th Biggest Cyber Army in the World,” FARS (Tehran), February 2, 2013.

“Microsoft Security Bulletin MS17-010- Critical” Microsoft Security Update for Windows SMB Server, Mar. 14, 2017. Available at https://docs.microsoft.com/en-us/security-updates/securitybulletins/2017/ms17-010

“NSA’s TAO Unit Introduces Itself,” Spiegel International. Dec. 30, 2013. Accessed on Feb. 4, 2020. https://www.spiegel.de/fotostrecke/photo-gallery-nsa-s-tao-unit-introduces-itself-fotostrecke-105372.html

“Officer Mistook Radar Warning of Pearl Harbor Raid,” *Columbus Dispatch*, Feb. 25, 2010. Accessed on Mar. 9, 2020. http://www.dispatch.com/content/stories/national\_world/2010/02/25/officer-who-ignored-pearl-harbor-warning-dies.html

“Russia Caught Between Economic Decline and Potentially Explosive Demographic Change,” Johnson’s Russia List, July 6, 2017, http://russialist.org/russia-caught-between-economic-decline-and-potentially-explosive-demographic-change, accessed August 2017

“Thousands of Implants,” *The Intercept*, Mar. 12, 2014, Available at: https://firstlook.org/theintercept/document/2014/03/12/thousands-implants/

“Two Iranian Men Indicted for Deploying Ransomware to Extort Hospitals, Municipalities, Public Institutions, Causing Over $30 Million in Losses,” Department of Justice Press Release, November 28, 2018 Indictment: https://www.justice.gov/opa/press-release/file/1114741/download

“U.S. spy agency tapped German chancellery for decades: WikiLeaks,” Reuters. July 9, 2015. Accessed on Feb. 4, 2020.

https://www.muckrock.com/foi/united-states-of-america-10/vupen-contracts-with-nsa-6593/#file-10505

“Working Agreement Between Sandia National Laboratories and The National Security Agency Concerning Research in Cryptography at Sandia National Laboratories,” signed by Albert Narath, President, Sandia National Laboratories, and Rear Admiral James S. McFarland, National Security Agency, July 22 1991.

BSA Study: https://www.bsa.org/~/media/Files/StudiesDownload/BSA\_GSS\_US.pdf