CSCI 494 Bibliography

Thomas VanDrunen

October 24, 2019

References

[1] S. Levy, "The tech model railroad club," in *Hackers: Heroes of the Computer Revolution* [42], ch. 1, pp. 17–38. Originally published 1984. 520 pages total.

[2] G. Weinberg, "Personality factors," in *The Psychology of Computer Programming*, ch. 8, pp. 141–161, New York, NY: Dorset House Publishing, silver anniverary ed., 1998. Originally published 1971. 292 pages total.

[3] E. W. Dijkstra, "On the cruelty of really teaching computing science (EWD 1036)," December 1988. `http://userweb.cs.utexas.edu/users/EWD/transcriptions/EWD10xx/EWD1036.html`.

[4] B. Harvey and M. Wright, "Preface," in *Simply Scheme: Introducing Computer Science*, pp. xvii–xxiv, Cambridge, MA: MIT Press, 2nd ed., 1999. 579 pages total.

[5] R. Gabriel, "Master of fine arts in software." `https://www.dreamsongs.com/MFASoftware.html`, undated.

[6] K. Kihlstrom, "Men are from the server side, women are from the client side," in *Proceedings of the ACMS Biennial Conference*, (San Diego, CA), pp. 126–137, ACMS, May 2003.

[7] C. Thompson, "The ENIAC girls vanish," in *Coders*, ch. 7, pp. 185–228, Penguin Press, 2019. 448 pages total.

[8] M. L. Shetterly, *Hidden Figures*, ch. 1–5, pp. 1–49. William Morrow, 2016. 368 pages total.

[9] T. Whitney and V. Taylor, "Increasing women and underrepresented minorities in computing: The landscape and what you can do," *Computer*, vol. 51, pp. 24–31, oct 2018.

[10] R. Varma, "Making computer science minority-friendly," *Commun. ACM*, vol. 49, pp. 129–134, Feb. 2006.

[11] H. Abelson and G. J. Sussman, *Structure and Interpretation of Computer Programs*, ch. 1, pp. 1–3. Cambridge, MA: McGraw Hill and the MIT Press, second ed., 1996. With Julie Sussman. 657 pages total.

[12] J. Weizenbaum, "On tools," in *Computer Power and Human Reason* [43], ch. 1, pp. 17–38. 300 pages total.

[13] J. Weizenbaum, "Science and the compulsive programmer," in *Computer Power and Human Reason* [43], ch. 4, pp. 111–131. 300 pages total.

[14] S. Levy, "The hacker ethic," in *Hackers: Heroes of the Computer Revolution* [42], ch. 2, pp. 39–49. Originally published 1984. 520 pages total.

[15] Free Software Foundation, "What is free software?." https://www.gnu.org/philosophy/free-sw.en.html.

[16] R. Stallman, "Free software is even more important now." https://www.gnu.org/philosophy/free-software-even-more-important.en.html, 2015.

[17] K.-D. Crisman, "Open source software and christian thought," *Perspectives on Science and Christian Faith, Journal of the American Scientific Affiliation*, vol. 67, no. 1, pp. 3–13, 2015.

[18] J. Goldsmith and T. Wu, "How governments rule the net," in *Who Controls the Internet?*, ch. 5, pp. 65–85, Oxford University Press, 2006. 226 pages total.

[19] H. Abelson, R. Anderson, S. M. Bellovin, J. Benaloh, M. Blaze, W. Diffie, J. Gilmore, M. Green, S. Landau, P. G. Neumann, R. L. Rivest, J. I. Schiller, B. Schneier, M. A. Specter, and D. J. Weitzner, " Keys under doormats: mandating insecurity by requiring government access to all data and communications ‡," *Journal of Cybersecurity*, vol. 1, pp. 69–79, 11 2015.

[20] D. Bradbury, "Unveiling the dark web," *Network Security*, vol. 2014, p. 14–17, 04 2014.

[21] E. Zuckerman, "The internet's original sin," *The Atlantic*, Aug 2014.

[22] C. Duhigg, "How companies learn your secrets," *The New York Times Magazine*, Feb 2012.

[23] R. Anderson, "Why information security is hard-an economic perspective," in *Proceedings of the 17th Annual Computer Security Applications Conference*, ACSAC '01, (Washington, DC, USA), pp. 358–, IEEE Computer Society, 2001.

[24] W. Diffie and S. Landau, "Internet eavesdropping," *Scientific American*, Aug 2008.

[25] D. Solove, "Why privacy matters even if you have 'nothing to hide'," *The Chronicle of Higher Education*, May 2011.

[26] C. Ridgeway, "Fixing our privacy settings," *Christianity Today*, Sept 2018.

[27] K. Thompson, "Reflections on trusting trust," *Commun. ACM*, vol. 27, pp. 761–763, Aug. 1984.

[28] J. P. Barlow, "Selling wine without bottles." https://www.eff.org/pages/selling-wine-without-bottles-economy-mind-global-net, undated.

[29] R. Stallman, "The right to read," *Commun. ACM*, vol. 40, pp. 85–87, Feb. 1997.

[30] M. A. Lemley, "Faith-based intellectual property," *UCLA Law Review*, vol. 62, pp. 1328–1346, March 2015. Stanford Public Law Working Paper No. 2587297.

[31] D. Norman, "The psychopathology of everyday things," in *The Design of Everyday Things*, ch. 1, pp. 1–33, New York, NY: Doubleday, 1988. Originally published as *The Psychology of Everyday Things*. 288 pages total.

[32] Apple Computer, Inc., *Macintosh Human Interface Guidelines*, ch. 1–2, pp. 3–31. USA: Addison-Wesley Publishing Company, 1992. 135 pages total.

[33] R. Gabriel, "The rise of worse is better." `https://www.dreamsongs.com/WorseIsBetter.html`. Originally part of "LISP: Good News, Bad News, How to Win Big", keynote address at EuroPAL conference, 1989.

[34] F. Brooks, "Requirements, sin, and contracts," in *The Design of Design*, ch. 4, pp. 39–48, Boston, MA: Pearson, 2010. 420 pages total.

[35] T. Huttenlock, "Establishing a framework for evaluating technology." Faith and Learning Paper at Wheaton Collge (IL)., September 2010.

[36] C. Stoll, "An amalgam of popular fictions about the internet, including brief trips to china and the city of no illusions," in *Silicon Snake Oil*, ch. 2, pp. 15–41, New York, NY: Doubleday, 1995. 249 pages total.

[37] N. Carr, "HAL and me," in *The Shallows*, ch. 1, pp. 5–16, New York, NY: Norton, 2011. 280 pages total.

[38] N. Postman, "The judgment of Thamus," in *Technopoly*, ch. 1, pp. 3–20, New York, NY: Knopf, 1992. 222 pages total.

[39] E. W. Dijkstra, "The humble programmer." Turing Award Lecture. Also published [44], 1972.

[40] E. W. Dijkstra, "My hopes of computing science (ewd709)," in *Proceedings of the 4th International Conference on Software Engineering*, ICSE '79, (Piscataway, NJ, USA), pp. 442–448, IEEE Press, 1979.

[41] D. E. Knuth, "Computer programming as an art," *Commun. ACM*, vol. 17, pp. 667–673, Dec. 1974.

[42] S. Levy, *Hackers: Heroes of the Computer Revolution*. Harmsondsworth, Middlesex, England: Penguin Books, 2nd ed., 1994. Originally published 1984. 520 pages total.

[43] J. Weizenbaum, *Computer Power and Human Reason*. San Francisco: W. H. Freeman and Company, 1976. 300 pages total.

[44] E. W. Dijkstra, "The humble programmer," *Commun. ACM*, vol. 15, pp. 859–866, Oct. 1972.