CYBERSECURITY FIRST PRINCIPLES

A REBOOT OF STRATEGY & TACTICS

Order the book from Amazon here.

Cybersecurity Canon Books Mentioned in the Book

The Canon project (Cybersecuritycanon.com) is a security professional community effort to identify all the books that cybersecurity professionals should read. I founded the project in 2013, and at the time of this writing, it is sponsored by Ohio State University. For this First Principles book, I refer to many Hall-of-Fame and Candidate books that the reader might find useful. The list is below.

Beyer, B., Jones, C., Petoff, J., Murphy, N.R., 2016. **Site Reliability Engineering: How Google Runs Production Systems.**
URL icdt.osu.edu/site-reliability-engineering-how-google-runs-production-systems

Clarke, R.A., Knake, R., 2010. **Cyber War: The Next Threat to National Security and What to Do About It.**
URL icdt.osu.edu/cybercanon/cyber-war-next-threat-national-security-and-what-do-about-it

Greenberg, A., 2020. **Sandworm: A New Era of Cyberwar and the Hunt for the Kremlin's Most Dangerous Hackers.**
URL https:/icdt.osu.edu/news/2020/11/cybersecurity-canon-book-review-sandworm-new-era-cyberwar-and-hunt-kremlins-most

Freund, J., Jones, J., 2014. **Measuring and Managing Information Risk: A FAIR Approach.**
URL icdt.osu.edu/measuring-and-managing-information-risk-fair-approach

Hubbard, D.W., Seiersen, R., 2016. **How to Measure Anything in Cybersecurity Risk.**
URL icdt.osu.edu/how-measure-anything-cybersecurity-risk

Kim, G., Behr, K., Spafford, G., 2018. **The Phoenix Project: A Novel about IT, DevOps, and Helping Your Business Win.**
URL https://www.goodreads.com/book/show/17255186-the-phoenix-project

Magnusson, A., 2020. **Practical Vulnerability Management: A Strategic Approach to Managing Cyber Risk.**
URL icdt.osu.edu/practical-vulnerability-management-strategic-approach-managing-cyber-risk

Perlroth, N., 2021. **This Is How They Tell Me the World Ends: The Cyberweapons Arms Race.**
URL icdt.osu.edu/how-they-tell-me-world-ends-0

Stewart, A.J., 2021. **A Vulnerable System: The History of Information Security in the Computer Age.**
URL icdt.osu.edu/vulnerable-system-history-information-security-computer-age

Stoll, C., 2012. **The Cuckoo's Egg: Tracking a Spy Through the Maze of Computer Espionage.**
URL icdt.osu.edu/cuckoos-egg

Tetlock, P.E., Gardner, D., 2016. **Superforecasting: The Art and Science of Prediction.**
URL icdt.osu.edu/superforecasting-art-and-science-prediction

Wong, C., 2011. **Security Metrics, A Beginner's Guide**.
URL icdt.osu.edu/security-metrics-beginners-guide