FURTHER READING

RECOMMENDED CYBERSECURITY READS FOR STUDENTS, PROFESSIONALS, AND JOB SEEKERS

*The Cuckoo’s Egg – Clifford Stoll*
Often cited as one of the best cybersecurity reads, this 1989 tale depicts Clifford’s extensive investigation into a notable cyber-alert.

*The Cybersecurity Playbook – Allison Cerra*
This is a step-by-step guide to protecting your organization from unknown threats and adopting good security habits for everyday business situations.

*Python Crash Course, 2nd Edition – Eric Matthes*
The top seller, according to No Starch Press, is this “hands-on, project-based introduction” to the core of Python programming.

*Cyber War: The Next Threat to National Security and What to Do about It – Richard A. Clarke and Robert K. Knake*
This is the most heavily-reviewed cybersecurity book on Amazon with more than 240 ratings. In this book, Clarke and Knake trace the rise of the cyber-age and profile the characters involved.

*Ghost In The Wires: My Adventures as the World’s Most Wanted Hacker – Kevin Mitnick and William Simon*
Acting as a biography of Mitnick’s rise to infamy, this book depicts how he began his career of social engineering and code-cracking.

*Cyber Wars – Charles Arthur*
Former technology editor at *The Guardian*, Arthur’s story of “game changing hacks that make organizations around the world tremble” was the second most-read on Perlego’s cybersecurity list.

*Automate the Boring Stuff with Python, 2nd Edition – Al Sweigart*
The second most-read title on No Starch Press’ cybersecurity list is another Python guide which promises to show the reader how to use Python to write programs in minutes with no prior programming experience required.

*Secrets & Lies: Digital Security in a Networked World – Bruce Schneier*
Schneier is a prolific writer and many recommendations were made for this 2000 title looking at the state of cybersecurity as we entered the new millennium.

*Social Engineering – Christopher Hadnagy*
Another with high Amazon ratings and recommended on Twitter, this 2010 book is widely recognized as the first to reveal the concept of social engineering.

*Countdown to Zero Day – Kim Zetter*
This book tells the tale of Stuxnet and the story of cyber-espionage involving the United States, Israel, and an Iranian nuclear facility.

*The Code Book – The Science of Secrecy from Ancient Egypt to Quantum Cryptography* by Simon Singh is a journey through time to look at the history of cryptography.

*Ghosts in the Wires – My Adventures as the World’s Most Wanted Hacker* by Kevin Mitnick and William L. Simon
(forward by Steve Wozniak) provides Mitnick’s firsthand account of hacking.

*Hacking: A Beginners’ Guide To Computer Hacking, Basic Security, and Penetration Testing* – by John Slavio is a practical handbook for people of all skill levels.

*Hacking: The Art of Exploitation* – by John Erickson explores how hacking techniques actually work.

*Social Engineering: The Science of Human Hacking* – by Christopher J. Hadnagy focuses on the motivations for hacking to help thwart future cybersecurity threats.

*Permanent Record* by Edward Snowden.


*Dark Territory The Secret History of Cyber War* by Fred Kaplan.


*The Art of Invisibility. The World’s Most Famous Hacker Teaches You How to Be Safe in the Age of Big Brother and Big Data* by Kevin Mitnick.


*The Cuckoo’s Egg* by Clifford Stoll.

*Snow Crash* by Neal Stephenson.

*Sandworm. A New Era of Cyberwar and the Hunt for the Kremlin’s Most Dangerous Hackers* by Andy Greenberg.

*Hacking The Art of Exploitation* by Jon Erickson.

*Kingpin. How One Hacker Took Over the Billion-Dollar Cybercrime Underground* by Kevin Poulsen.
**Further Reading**

*Future Crimes Everything Is Connected, Everyone Is Vulnerable, and What We Can Do About It* by Marc Goodman.


*Spam Nation. The Inside Story of Organized Cybercrime-From Global Epidemic to Your Front Door* by Brian Krebs.

*Cyberwar. The Next Threat to National Security & What to Do About It* by Richard A. Clarke, Robert Knake.


*The Perfect Weapon. War, Sabotage, and Fear in the Cyber Age* by David E. Sanger.

*Cybersecurity and Cyberwar. What Everyone Needs to Know* by P.W. Singer and Allan Friedman.

*Data and Goliath. The Hidden Battles to Collect Your Data and Control Your World* by Bruce Schneier.


*American Kingpin. The Epic Hunt for the Criminal Mastermind Behind the Silk Road* by Nick Bilton.

*Cryptonomicon* by Neal Stephenson.

*Red Team Field Manual (RTFM)* by Ben Clark.


*Social Engineering. The Science of Human Hacking* by Hadnagy.


The Phoenix Project. A Novel About IT, DevOps, and Helping Your Business Win by Gene Kim, Kevin Behr, George Spafford.

No Place to Hide. Edward Snowden, the NSA, and the US Surveillance State by Glenn Greenwald.


We Are Anonymous. Inside the Hacker World of LulzSec, Anonymous, and the Global Cyber Insurgency by Parmy Olson.


Click Here to Kill Everybody. Security and Survival in a Hyper-connected World by Bruce Schneier.


Mindf*ck. Cambridge Analytica and the Plot to Break America by Christopher Wylie.

Further Reading

Open Source Intelligence Techniques. Resources for Searching and Analyzing Online Information by Michael Bazzell.


The First Digital World War by Mark Bowden.

Cracking the Coding Interview. 189 Programming Questions and Solutions by Gayle Laakmann McDowell.


Blue Team Field Manual (BTFM) by Alan J White.


The Hacker Playbook. Practical Guide To Penetration Testing by Peter Ki.

@War. The Rise of the Military-Internet Complex by Shane Harris.


Metasploit. The Penetration Tester’s Guide by David Kennedy, Jim O’Gorman, Devon Kearns, Mati Aharoni.

Threat Modeling Designing for Security by Adam Shostac.


Automate the Boring Stuff with Python. Practical Programming for Total Beginners by Al Sweigart.

Further Reading


The Industries of the Future by Alec Ross.


Cybersecurity: The Beginner’s Guide. A comprehensive guide to getting started in cybersecurity by Dr. Erdal Ozkaya.

Cryptography Engineering. Design Principles and Practical Applications by Niels Ferguson, Bruce Schneier et al.

Windows Internals, Part 1 User Mode by Pavel Yosifovich, Mark E. Russinovich et al.

Comptia Network + Certification All-In-One Exam Guide, Seventh Edition (Exam N10-007) by Mike Meyers.


The Hacked World Order. How Nations Fight, Trade, Maneuver, and Manipulate in the Digital Age by Adam Segal.

This Machine Kills Secrets. How WikiLeaks, Cypherpunks, and Hacktivists Aim to Free the World’s Information by Andy Greenberg.
Further Reading


The Hardware Hacker. Adventures in Making and Breaking Hardware by Andrew Bunnie Huang.

The Dark Net. Inside the Digital Underworld by Jamie Bartlett.


Cybersecurity Essentials by Charles J. Brooks, Christopher Grow et al.


CISSP All-in-One Exam Guide by Shon Harris.


Further Reading

*Hacked Again* by Scott N. Schober.


*Cybersecurity for Beginners* by Raef Meeuwisse.


*Extreme Privacy. What It Takes to Disappear in America* by Michael Bazzell.

*Gray Day. My Undercover Mission to Expose America’s First Cyber Spy* by Eric O’Neill.


*McMafia. A Journey Through the Global Criminal Underworld* by Misha Glenny.


*Secrets of Reverse Engineering* by Eldad Eilam.


*Confront and Conceal. Obama’s Secret Wars and Surprising Use of American Power* by David E. Sange.


*Cryptoconomy* by Gary Miliefsky.
RESOURCES FOR HR DEPARTMENTS AND CYBERSECURITY JOB SEEKERS

https://infosec-jobs.com/
Find awesome jobs and talents in InfoSec/Cybersecurity

https://www.cyberseek.org/
Close the cybersecurity talent gap with interactive tools and data

https://cybersecjobs.com/
Information security jobs and career advice for cleared cybersecurity professionals

https://cybersn.com/
Your match awaits: The Cybersecurity Career Hub, matching talent to opportunity.

https://ninjajobs.org/
Trusted by the Top Brands: NinjaJobs has filled thousands of cybersecurity roles across numerous industries and well-known brands.

https://www.sans.org/hire-cyber-talent/
Hire Cyber Talent: Hire the right talent for the cyber roles on your team

https://www.cisa.gov/cyberjobs
Cybersecurity & IT Jobs at CISA: As technology becomes increasingly more sophisticated, the demand for an experienced and qualified cyber workforce to protect our Nation’s networks and information systems has never been greater. Are you up for the challenge?

https://www.cybercom.mil/Employment-Opportunities/
We enable our most valuable assets – our people – in order to gain advantages in cyberspace
https://www.quitch.com/
Increase employee engagement and identify skill gaps in online learning and training instantly. As every moment your employee spends on training is time away from their jobs, gamifying training processes can help you reduce training costs.

https://www.shrm.org/resourcesandtools/pages/cybersecurity.aspx
With cyberthreats growing in sophistication, corporate digital security requires a real team effort. Employers can tap these resources for help improving their cybersecurity efforts in the workplace.

https://www.sans.org/blog/hr-cybersecurity/
SANS institute is committed to helping close the gap for top cybersecurity talent. Beyond training and certification, this gap also includes Human Resources and emerging talent learning how to enter the field successfully.

Success Strategies for Cybersecurity Hiring for Human Resources and Hiring Professionals

https://www.isc2.org/
(ISC)²: The World’s Leading Cybersecurity Professional Organization

https://www.humanresourcetoday.com/cyber-security/
Cybersecurity or computer security and information security is the act of preventing theft, damage, loss, or unauthorized access to computers, networks, and data. Certifications for cybersecurity are hence the gateway toward pursuing this booming and unique professional space.
https://www.cybersafesolutions.com/
Cybersafe Solutions: The ultimate fusion of cutting-edge technology and human expertise.

https://isc2chapter-liny.org/
(ISC)² Long Island

https://coppertreestaffing.com/
Coppertree Staffing: From contract employees to full-time hires, we can help you succeed

https://www.forbes.com/sites/forbestechcouncil/2020/05/01/four-ways-employers-can-find-top-cybersecurity-talent/?sh=54854b6a768c
Four Ways Employers Can Find Top Cybersecurity Talent

https://www.betterteam.com/how-to-hire-information-security-analysts