

# OPPORTUNITIES FOR CAREERS IN CYBERSECURITY

CYBERSECURITY CAREER PROFILES YOU MIGHT NOT KNOW ABOUT

## WHAT IS CYBERSECURITY

Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information, extorting money from users or interrupting normal business processes<sup>1</sup>.

Our daily life, economic vitality, and national security depend on a stable, safe, and resilient cyberspace<sup>2</sup>. At an individual level, a cybersecurity attack can result in identity theft, loss of money or important data. Everyone relies on critical infrastructure like power plants, hospitals, and financial service companies. Securing these and other organizations is essential to keeping our society functioning.

The cybersecurity field is booming, growing faster than most professions with 3.5 million expected job openings by 2021<sup>3</sup>. Cyber crime damage costs are expected to hit \$6 trillion by 2021<sup>3</sup>. That means that while cyber professionals with technical skills are in high demand, so too are professionals with a diverse array of skill sets from law to marketing to writing.

1. <https://www.cisco.com/c/en/us/products/security/what-is-cybersecurity.html#~how-cybersecurity-works>  
2. <https://www.dhs.gov/topic/cybersecurity>

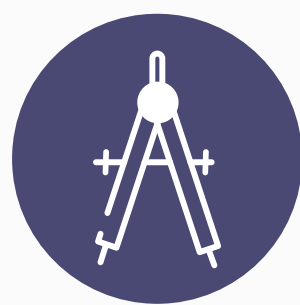
3. <https://cybersecurityventures.com/hackerpocalypse-original-cybercrime-report-2016/>

## TECHNICAL JOBS



### ETHICAL HACKER

An ethical hacker finds and exploits vulnerabilities and weaknesses in various systems to recommend security improvements.



### CYBERSECURITY ARCHITECT

Combines hardware and software knowledge with programming proficiency, research skills, and policy development. A cybersecurity architect plans, implements, and supervises computer and network security systems.

## WHAT ARE THE KEY SOFT-SKILLS THAT RECRUITERS LOOK FOR IN A CYBERSECURITY PROFESSIONAL?

- Critical thinking
- Problem-solving skills
- Collaborative mindset
- Ability to work under pressure
- Sense of justice and duty
- Willingness to learn
- Curiosity
- Communication skills
- Flexibility and Creativity
- Fan of technological trends and innovations

## NON-TECHNICAL JOBS



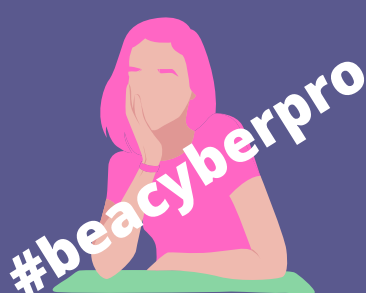
### CYBERSECURITY LAWYER

Cybersecurity law focuses on information security and data protection. A cybersecurity lawyer might, for instance, write, revise and advice on privacy policies, data protection guidelines, software terms of use and much more.



### CYBERSECURITY INSURANCE SPECIALIST

A cybersecurity insurance specialist helps companies recover from data loss owing to a security breach or other cyber event.



Stay safe and stay tuned for more useful information on cybersecurity.

[www.beacyberpro.eu](http://www.beacyberpro.eu)

