



CyberSecurity: Which Job is for Me?

Computer Programmer/ Engineer/ Software Developer/ Web Designer

Description: Analyzes user needs to design, build, test, and maintain software applications and systems.

Penetration Tester/Systems/Networks / Vulnerability Researcher/ Exploit Developer

Description: Think like a hacker to identify flaws and vulnerabilities which jeopardize the safety and security of the data and communications of businesses and organizations.

Information Security Engineer / Architect / Analyst/ Compliance Manager

Description: Assists Information Security professionals in designing plans, evaluating organizational weaknesses, and implementing procedures to protect the information assets of an institution or company.

Malware Analyst/ Expert

Description: Examines malicious code to understand the type of damage it can do and how it replicates and spreads. Determines methods for detecting and deleting malware from systems. These professionals also investigate the source of the malware.



Network Security/ Engineer

Description: Protects the data and information of an organization's information and communication technology from damage or unauthorized access.

Cryptographer

Description: Uses math, logic, and computer science to turn readable text into an unreadable form. Cryptographers also analyze encrypted (unreadable text) to turn it into a readable form.

Computer Forensics / InfoSec Crime Investigator/ Forensics Expert/Analyst / Computer Crime Investigator

Description: Investigates digital media for data stored or encrypted. Test information security systems. Analyze security breaches. These professionals often work in the law enforcement or military and defense fields.

Incident Responder/Disaster Recovery / Business Continuity Analyst/ Manager

Description: Recognizes, analyzes, and responds to incidents which have caused damage to information, data, and information and communication technologies. This includes recovering from all types of threats-- natural (tornados, hurricanes), human (hackers) and technical (malware, equipment failure)