Career in Cyber Security

(Jr.) Security analyst	Senior security analyst	Security process engineer	Head of Cyber Security	CISO

Cyber Security

Day in a life of Cyber Security Expert

- Monitoring and analyzing security events
- Conducting vulnerability assessments
- Implementing security controls
- Responding to security incidents
- Conducting security research
- Developing security policies and procedures
- Training and awareness

How to transition to the role

1. Take care of your personal Cyber Security

2. Understand if Cyber Security analyst role is for you:

- cybercademy.org/quiz
- hackthebox.com, tryhackme.com
- Security conferences, Capture the flag events

3. Certification:

- Offensive Security Certified Professional (OSCP)
- CompTIA

Cyber Security

Characteristics of Cyber security analyst

Sceptical	Trust no one
Modesty	Those that excel prefer to avoid the spotlight
Altruism	Should want to help people
Scientific	Solve problems using data and analytic skills
Curious	Cybersecurity is ever changing

Cyber Security

Further reading / listening

Books

- "The Web Application Hacker's Handbook: Discovering and Exploiting Security Flaws", Stuttard D., Pinto M., 2007

Podcasts

- Darknet Diaries - darknetdiaries.com
- CyberWire daily - thecyberwire.com
- The Social-Engineer Podcast
- Malicious life (Cybereason)
- Risky Business

What are the different levels of cybersecurity?

- Personal, company, and global.
- Physical, cyber, and national.
- Individual, organizational, and international.

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- None of the above. ✖

Cyber Security

Role variations

Information security manager	Application security manager	Governance risk and compliance analyst / manager	Head of Cyber Security
Ethical hackers / Pen-testers	Threat intelligence analyst	Risk managers	Creating Cyber Security products

Why is cybersecurity important for a company?

correct

- To protect sensitive information, prevent damage to services, ensure privacy, and promote trust and confidence. ✔
- To prevent phishing attacks and conduct regular security audits.
- To protect physical security systems and prevent unauthorized access.
- To ensure the integrity of financial security systems and protect trade secrets.