Cybersecurity Careers

As we've seen, the field of cybersecurity is broad and still an emerging space. The skills we've learned in class are broadly applicable to many industries and can be the basis for a career in roles such as:

- Ethical Hacker or "White Hat" Hacker
- Penetration Tester ("Blue" or Red" team)
- Chief Security Office (CSO) or Chief Information Security Officer (CISO)
- Computer Forensics Analyst
- Security Auditor or Consultant
- Security Engineer / Architect / Developer
- System Administrator

Certifications

- OSCP - Offensive Security Certified Professional. Focuses on the hacking / penetration testing and the kinds of skills we've learned in class, but in much more detail.

- CEH - Certified Ethical Hacker. Another hacking certification.

- CISSP - Certified Information Systems Security Professional. More managerial and top-level information about security in an organization.

- CCSP - Certified Cloud Security Professional

- SSCP - Systems Security Certified Practitioner

- CompTIA Security+

- CISA - Certified Information Systems Auditor

- CISM - Certified Information Security Manager. Concerns topics like compliance and risk management.

- GIAC - Global Information Assurance Certifications

Resources

Careers

- Cyberseek career pathway map

- The Uber List

- Chartered Institute of Information Security

- Cyber Security and Governance Certification Program

- Cyber Security Careers list

Hacking

- Hack the Box

- OWASP training

- Cyber Ranges

Privacy

- Privacy Guides

- [Techlore](#)
- [Firewalls Don't Stop Dragons](#)
- [PRISM Break](#)
- [Tactical Tech](#)
- [Surveillance Self-Defense](#)