**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](https://www.offsec.com/courses/pen-200/) - 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](https://iclass.eccouncil.org/our-courses/certified-ethical-hacker-ceh/) - Certified Ethical Hacker. Another hacking certification.
* [CISSP](https://www.isc2.org/Certifications/CISSP) - Certified Information Systems Security Professional. More managerial and top-level information about security in an organization.
* [CCSP](https://www.isc2.org/Certifications/CCSP) - Certified Cloud Security Professional
* [SSCP](https://www.isc2.org/en/Certifications/SSCP) - Systems Security Certified Practitioner
* [CompTIA Security+](https://www.comptia.org/certifications/security)
* [CISA](https://www.isaca.org/credentialing/cisa) - Certified Information Systems Auditor
* [CISM](https://www.isaca.org/credentialing/cism) - Certified Information Security Manager. Concerns topics like compliance and risk management.
* [GIAC](https://www.giac.org/) - Global Information Assurance Certifications

**Resources**

**Careers**

* [Cyberseek career pathway map](https://www.cyberseek.org/pathway.html)
* [The Uber List](https://www.cyberdegrees.org/resources/the-big-list)
* [Chartered Institute of Information Security](https://www.ciisec.org/)
* [Cyber Security and Governance Certification Program](https://www.seco-institute.org/certifications/)
* [Cyber Security Careers list](https://www.cybersecurityeducation.org/careers/)

**Hacking**

* [Hack the Box](https://www.hackthebox.com/)
* [OWASP training](https://training.owasp.org/)
* [Cyber Ranges](https://cybersecurityventures.com/10-hot-cyber-range-companies-to-watch-in-2020/)

**Privacy**

* [Privacy Guides](https://www.privacyguides.org/)
* [Techlore](https://www.techlore.tech/)
* [Firewalls Don't Stop Dragons](https://firewallsdontstopdragons.com/)
* [PRISM Break](https://prism-break.org/)
* [Tactical Tech](https://tacticaltech.org/)
* [Surveillance Self-Defense](https://ssd.eff.org/)