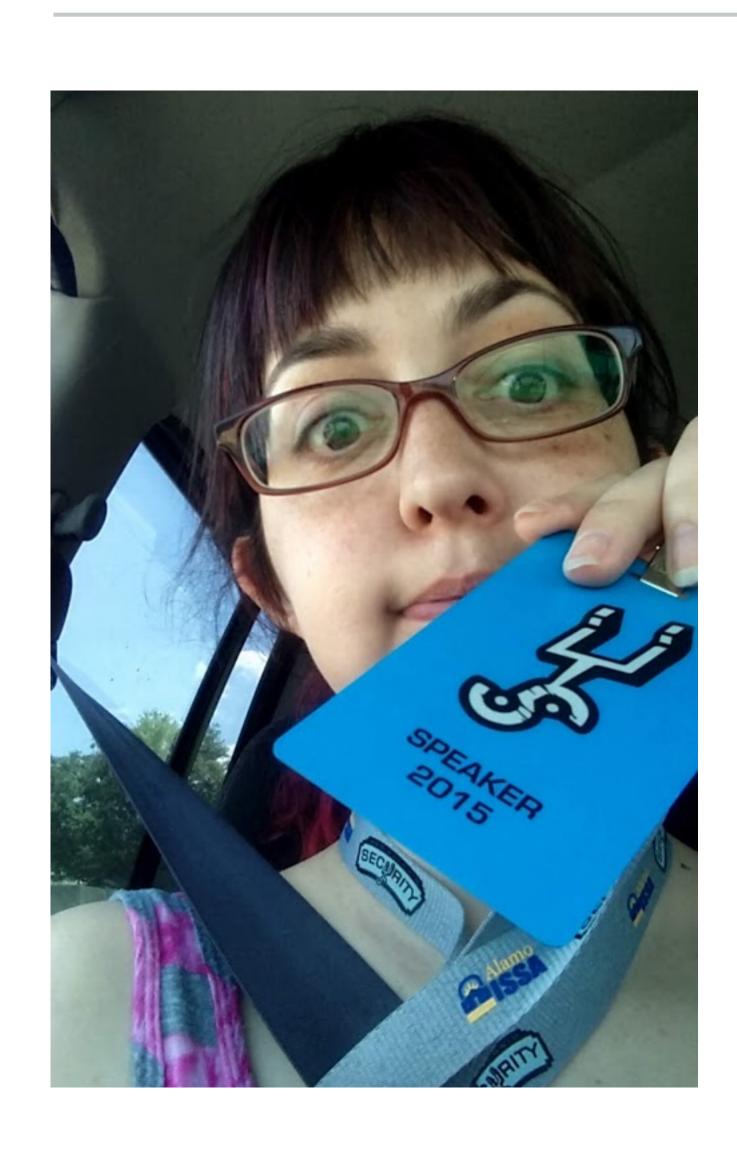


# Starting a Career in Cybersecurity Which Path Should You Pursue?

#### About Me & My Career





- Tech support. Self-studying
- Cybersecurity & Linux
- Network Security Analyst
- Started Hackerspace & Public Speaking
- Security Engineer (Infrastructure)
- Vulnerability Management
- Security Engineer (Detecting Online Banking Fraud)
- Threat Intelligence Engineer
- Vulnerability Management & Other Things at Hurricane Labs (almost 2 years!)



## Red, Blue, Purple?

- Red Team = Offense
- Blue Team = Defense

 Purple Team = A combination of both offense (red) and defense (blue) teams working together or a role that involves both sides of the spectrum.

### You might like red team if you are...



- Strategic —
   You enjoy breaking the rules and getting away with it.
- Decent at communication —
   You can write detailed reports.
- Curious —
   You want to know about all the different tools, techniques, and attacks.
- Skilled —
  You are interested (or are already proficient) in scripting and/or programming.

# You might like blue team if you...



- Would like learning about security infrastructure and how to configure/optimize.
- Enjoy planning for a variety of scenarios.
- · Have an interest in building systems and networks.
- Like analyzing the techniques and tools used by attackers in order to prevent and/or detect malicious activity.

# How do they stack up side-by-side?



#### Red

- Exploit writing
- Network pentesting
- Social engineering
- Physical pentesting
- · OSINT

#### Blue

- Infrastructure
- Incident response
- Malware analysis
- Compliance
- Vulnerability management

# Here are some other cool ways you can get involved in infosec!

- Journalism
- Digital Forensics
- Developer of Security Software
  - Developer with a focus on secure coding
- Open Source Contributions
- Security Awareness Training
- Cybersecurity Law





# More Helpful Tips

- · Share your experiences as you learn (become an expert).
- · Ask for help. Everyone started where you did & most want to help.
- Don't let your career get stagnant.
- Seek opportunities that provide support to help you grow.
- Become a part of the community if you feel comfortable doing so (trust your judgement to avoid toxic communities and people).





# Resources

- Awesome lists (on GitHub search for "awesome red team" and "awesome blue team").
- · cybrary.it
- · OWASP
- Humble Bundles
- DM me @theroxyd
- · email me roxy@hurricanelabs.com