

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