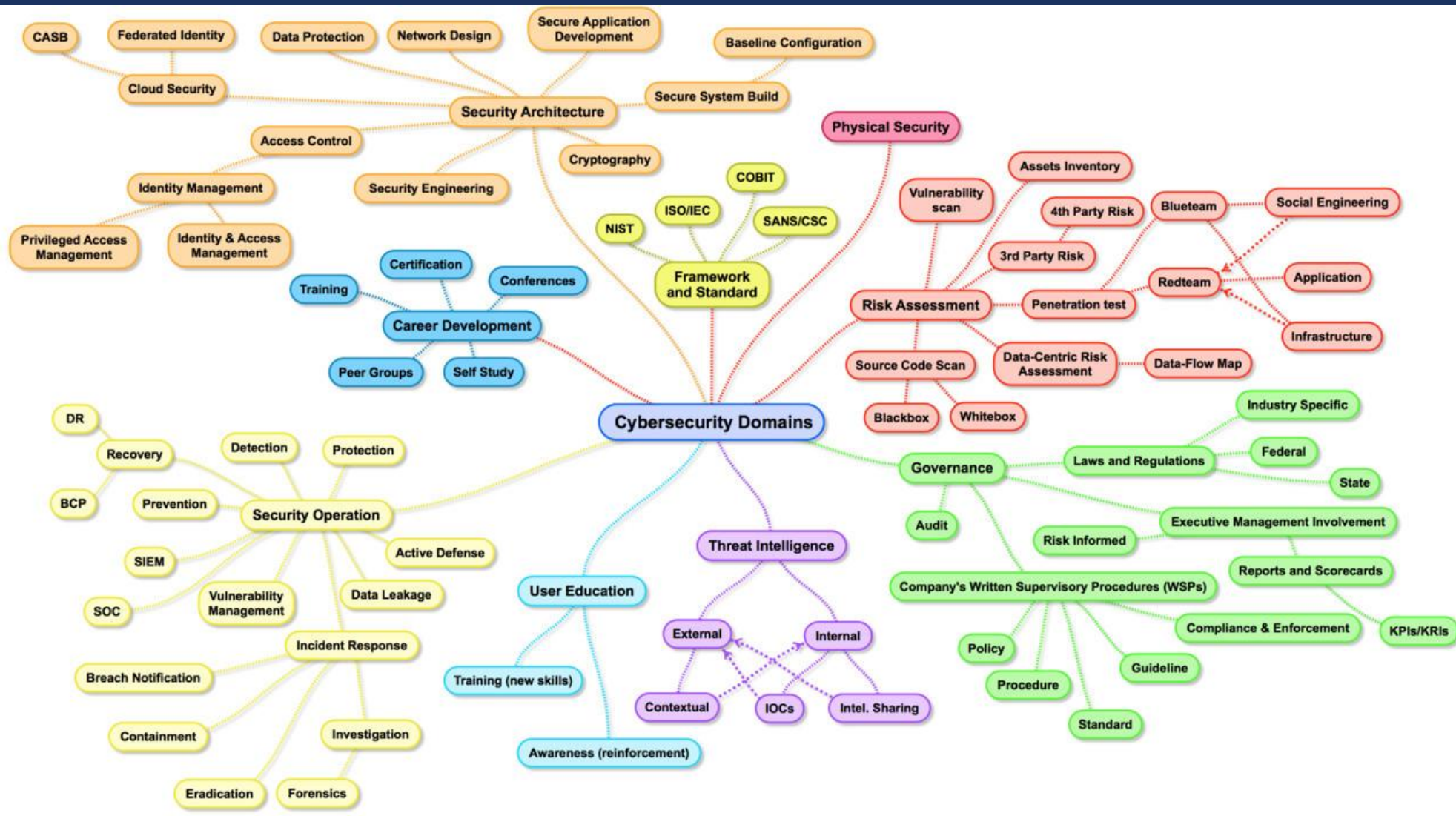




GETTING INTO CYBERSECURITY

A glimpse into the cybersecurity field

By Kellan Jones



THE FOUR CAREER PATHS

- **Security Operations** – Attackers, defenders, specialized ops roles
- **Architecture and Engineering** – Creating, designing, and implementing security in systems, networks, and the cloud
- **Governance, Risk Management, and Compliance (GRC)** – Policy and decision makers, C- Suite, Chief Information Security Officer (CISO)
- **Product, Education, Awareness, Legal (PEAL)** – General support role, professors, other roles

WHOAMI

- B.S Cybersecurity '25
- NCSA -
 - Vice President 2023-2024
 - President 2024-2025
- Focus –
 - Purple teaming to drive threat informed defense
- Presentations:
 - Reverse Engineering Wannacry
 - Wifi Hacking
 - AI for Cybersecurity
- Lead – Enterprise Cybersecurity Compliance (DHS)
- Certs:
 - GCFA (In progress)
 - GPEN
 - PJPT
 - CCSK
 - PMRP
 - Security+
 - Network+
 - A+
 - ITF+
- Blog - <https://kellansecurity.com>



HOW I GOT HERE

- 2021
 - Career Services
 - Explored cybersecurity roles
 - Upwork - SPS ARS (12/21)
 - TryHackMe
- 2022
 - Setup a Homelab
 - Cyber Fusion
 - LinkedIn
 - DHS job offer
 - Led the NCL group
- 2023
 - Started at DHS
 - Network+
 - Security+
 - NCSA Vice-President
 - BlackHat 2023
- 2024
 - Practical Malware Researcher Professional (PMRP)
 - NCSA President
 - GIAC Penetration Tester (GPEN)
- 2025
 - Cyber Forge
 - Graduated
 - Launched my website

CAREER TIPS

- Always learn!
- Be focused
- LinkedIn and networking
- Homelabbing and projects
- Sharpen your skills
- Set goals
- Sacrifice
- Join orgs
- Acquire Certs
- Add value

WHAT YOU CAN DO NOW

- Upwork
- Career services
- Choose a focus
- Learn MITRE AT&CK
- Join Hack the Box and TryHackMe
- Network+ and Security+
- NCSA, DC757, ISSA
- Create your master plan
- Portfolio
- Learn AI

INTERNSHIPS



- [Handshake](#)

- [WayUp](#)

- [Upwork](#)

- [ZipRecruiter](#)



- [Foorilla](#)

- [Intern-list](#)

- [TrueUp](#)

- [Monster](#)



CAREER

- [Regent Career Services](#)
- [20 Coolest Cybersecurity Careers](#)
- [Net+](#), [Sec+](#)
- [Learn MITRE AT&CK](#)
- [Hack the Box](#) and [TryHackMe](#)
- [NCSA](#), [DC757](#), [ISSA](#)
- [Understanding AI](#)
- [Build your own Homelab](#)
- [Cyber/IT Roadmap](#)
- [Azure \(\\$100 free credit\)](#)

YOUTUBERS

- [Network Chuck](#)
- [John Hammond](#)
- [Mike Miller](#)
- [The Cyber Mentor](#)
- [Grant Collins](#)



- [IppSec](#)
- [The Weekly Purple Team](#)
- [Matt Brown](#)
- [Mike Holcomb](#)
- [NahmSec](#)



CTF'S

- [OverTheWire](#)
- [picoCTF](#)
- [Huntress CTF \(Only in October\)](#)
- [TryHackMe Advent of Cyber](#)
- [CTFTime](#)
- [HackTricks](#)
- [National Cyber League](#)
- [HackTheBox CTF](#)
- [Cyber Fusion](#)
- [CryptoHack](#)
- [Cyber Forge](#)
- [CTF Handbook](#)



THANK YOU!

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