

Day 4 - Cybersecurity Roles & Career Paths

Domains of Cybersecurity:

- Offensive Security (Red Team): Ethical hackers who find vulnerabilities.
- Defensive Security (Blue Team): Defend against attacks (SOC, IR, etc.).
- Governance, Risk, Compliance (GRC): Policy, audits, and compliance.
- Security Engineering: Build secure systems & architecture.
- Cloud Security, AppSec, Threat Intel, etc. more specialized tracks.

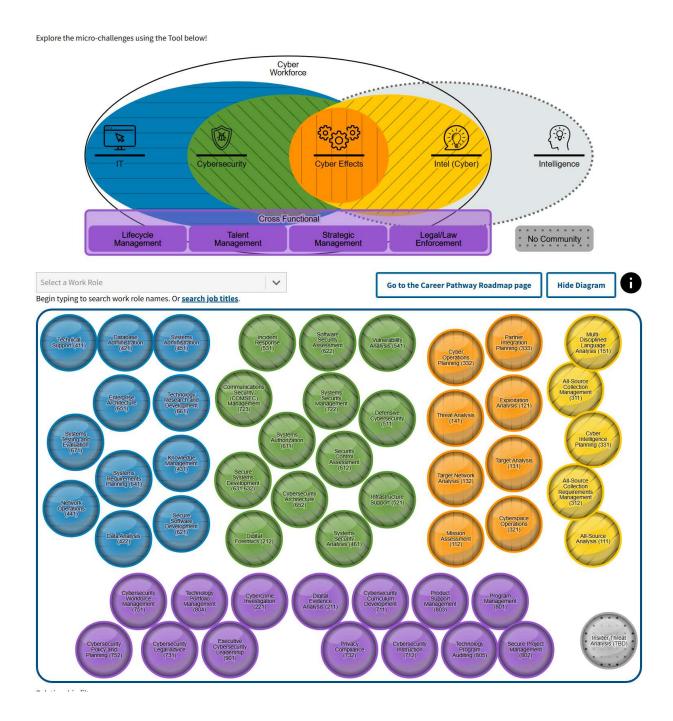
Popular roles in Cybersecurity:

Role	Description
SOC Analyst (Blue)	Monitor logs, detect and report threats. Entry-level.
Penetration Tester (Red)	Ethical hacker who tests systems for vulnerabilities.
Security researcher	Finds new attack vectors or malware. Deep knowledge.

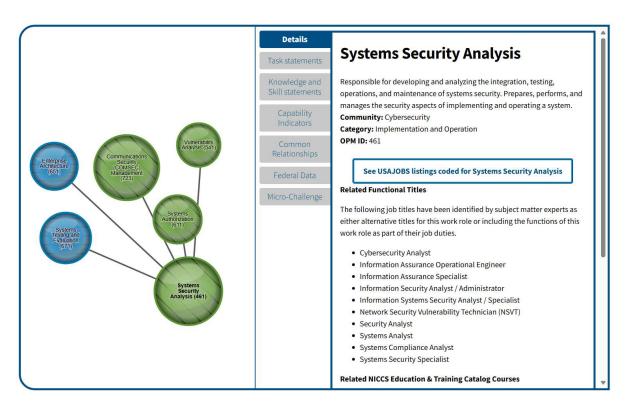
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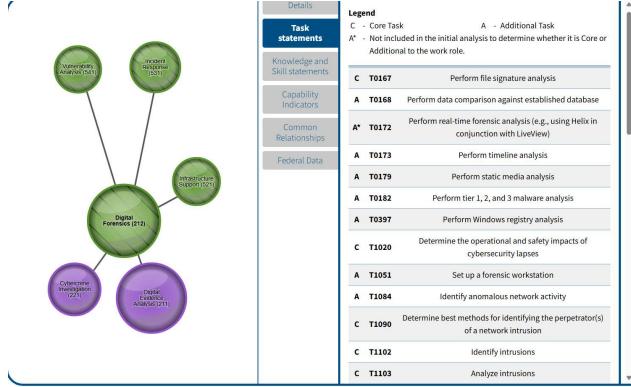
GRC Analyst	Ensures security rules and compliance standards are followed.
Security Engineer	Builds secure systems, tools, and processes.
Threat Intelligence Analyst	Tracks threat actors and upcoming cybercrime trends.

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