Careers in Cyber Security

Jamie Ooi, Oct 2024

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- Chief Operating Officer, elttam
  A premium security testing boutique
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  Cyber Security Professional Services
- Director, Hivint
  Fastest growing cyber security firm
- Swinburne alumni
- Life coach
- Bird watching expert, chief gardener

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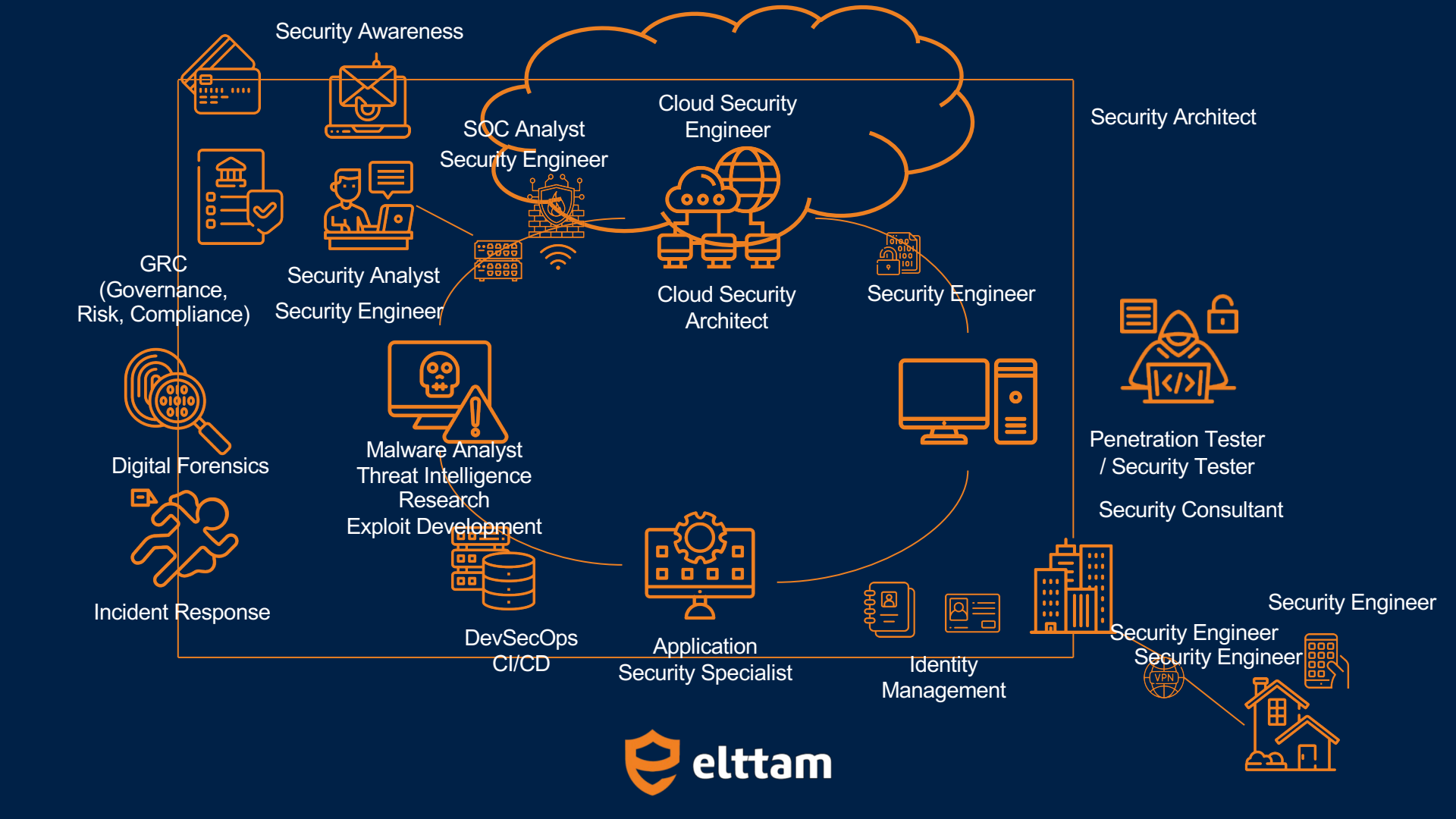
Considering a job in Cyber Security but not sure what's available?

For every job in IT, there is an equivalent in Cyber Security.


Security Awareness
SOC Analyst
Security Engineer
Cloud Security
Engineer
Security Architect
GRC
(Governance,
Risk, Compliance)
Security Analyst
Security Engineer
Cloud Security
Architect
Security Engineer
Digital Forensics
Malware Analyst
Threat Intelligence
Research
Exploit Development
Penetration Tester
/ Security Tester
Security Consultant
Incident Response
DevSecOps
CI/CD
Application
Security Specialist
Identity
Management
Security Engineer
Security Engineer
Security Engineer
VPN
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Software Engineer	Application Security	Programming, Linux, DevOps, Security Testing
DevOps Engineer	DevSecOps	CI/CD Security Supply Chain Security
Cloud Engineer	Cloud Engineer	Cloud: AWS, Azure, GCP
System Administrator	Security Engineer	Operating Systems
System Architect	Security Architect	System Architecture, Networking

Database Administrator	Security Tester	Database Administration, SQL Syntax, Security Testing
Data Analyst	Security Analyst, Threat Intelligence	Scripting, Big Data Languages, Programming
Network Engineer	Security Engineer	Networking, Security Controls, Security Testing
Auditing & Compliance	Governance, Risk, Compliance	Standards, Policies, Auditing
Active Directory	Identity Management	Identity Access Controls, Access Policies, Active Directory

3 Areas of Cyber Security

People

End user's behaviours when using technology

Process

Processes that governs secure use of technology

Technology

Technology that secures … technology

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How to get a job in Cyber Security

1. Actively give your area of interest a go, and then over-document it on your CV, blogpost, LinkedIn. There are LOTS of free CTFs available. Tangible demonstration of experience (even not professional) will guarantee you an interview
2. Speak to as many people from the industry as possible (I'm happy to chat too). Networking brings you a long way in your career, not just to get a job but to continue progressing even after having a job. Attend meetups.
3. Million dollar question: What certifications should I get? If you're not doing the first and second point above, start with those first. But leverage all the free and discounted certifications you see popping up in class. There should be a few Microsoft ones that will cost thousands once you stop being a student.

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Any questions?

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Thank you