



SCS Skills Pathway for Cybersecurity

MARKETING PLAYBOOK

What is the Skills Pathway for Cybersecurity?

This pathway is designed for professionals like you—whether you're transitioning into cybersecurity or looking to upskill. You'll gain the certifications and experience needed to thrive in the cybersecurity field.



How do I start?



01

Read up on the five entry-level job roles which are of interest to you.

02

Find out and complete the certifications required for apprenticeship or job interviews.

03

Start sourcing for jobs vacancies through job portals

Guiding you towards five exciting Cybersecurity Career Paths

Cyber SOC Analyst

Monitor and analyze security events, incidents, and alerts, while conducting threat hunting to identify and mitigate risks.

[More Information](#)

Cyber Penetration Tester

Conduct penetration tests and ethical hacking to identify vulnerabilities and simulate cyberattacks, using tools to assess the effectiveness of security controls.

[More Information](#)

Cyber Incident Response and Forensics Analyst

Monitor security alerts, conduct forensic analysis, coordinate incident response to mitigate risks, and use tools to assess security controls, documenting findings in detailed reports.

[More Information](#)

Cyber Threat Intelligence Analyst

Monitor threat actors and emerging trends, analyze cyber threat intelligence sources, and produce actionable reports to inform decision-making.

[More Information](#)

Operational Technology Cybersecurity Operations Analyst

Monitor and analyze OT systems for threats and vulnerabilities, support incident response and recovery to ensure system integrity, and maintain data sources for security monitoring and log analysis.

[More Information](#)





Meet
Dr Herman Teo
(43)
Consultant, Advisory,
Ensign InfoSecurity



After 9 years in materials characterisation, Herman transitioned to cybersecurity to contribute to digital security and crisis response.



Meet
Julia Loh

(32)

Assistant
Manager, Policy,
Risk & Capability
Development,
Cyber Defence
Group
Synapse



Julia built on her existing medical device expertise by upskilling with a cybersecurity certification, enabling her to set Health Tech standards.



Meet
Ng Koh Yew
(34)
Consultant,
Critical Information
Infrastructure Division,
Cyber Security Agency
of Singapore (CSA)



Koh Yew gained hands-on training through the Cybersecurity Development Programme, equipping him with essential skills to thrive in the field.

Resources to help in your job search.

Job Advisory and Training supports

- [SCS Career Mentoring](#)
- [MySkillsFuture Skills and Training Advisory Services](#)
- [SkillsFuture Career Transition Programme](#)
- [WSG Career Matching Guidance](#)
- [TechSkills Accelerator \(TeSA\)](#)
- Training Providers:
 - [LHub](#)
(sales@ntuclearninghub.com)
 - [SANS](#)
(skillsfuture@sans.org)

Job Portals

- [MyCareersFuture](#)

Job Skills Insights

- [SkillsFuture - Cybersecurity Skills Framework \(page 157\)](#)
- [CSA - Cybersecurity Education and Learning Guidebook](#)
- [GovTech Digital Academy \(DA\) Upskilling](#)
- [CSA - Toolkits for Employee](#)
- [SCS Job-Skills Insights article 2024](#)
- [SCS Job-Skills Insights article 2025](#)



Scan to find out more about the Skills Pathway



<https://skillspathway.scs.org.sg/>

Led by



Supported by



Founding Employers



Participating Employers

