



Shum Hoe Yeong

Student

I'm a cybersecurity student at Nanyang Polytechnic, with a strong interest in various disciplines, such as web exploitation, digital forensics, malware analysis and network security. I aspire to build a career as a cybersecurity researcher or forensics analyst, where I can contribute to defending systems and uncovering emerging threats.

Contact

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Education

April 2024 - Present

Diploma in Cybersecurity and Digital Forensics

Nanyang Polytechnic

Jan 2020 - Dec 2023

Express Stream

Peirce Secondary School

Skills

- Incident Response
- Digital Forensics
- Penetration Testing
- Web Exploitation
- Python
- PowerShell
- Bash

Achievements

August 2025

NYP SIT Director's List 2025 Sem 1

Award Recipient

- Awarded to students in the top 15% of the cohort for the semester
- GPA: 3.5/4.0

August 2025

WorldSkills ASEAN 2025 - Cyber Security

Bronze Award

- Trained in digital forensics, penetration testing, network and systems administration, malware analysis and more
- Learnt about report writing and vulnerability assessment

April 2025

WorldSkills Singapore 2025 - Cyber Security

Gold Award

- Trained in digital forensics, penetration testing, network and systems administration, malware analysis and more
- Learnt about governance and risk compliance, and incident response

September 2024

CSIT-Nanyang Scholarship Award

Award Recipient

- Awarded to students with an L1R2B2 score of 10 or lower, or cGPA of 3.8 or higher
- L1R2B2-C: 8

Certifications

Certified Ethical Hacker

January 2025

HTB Certified Defensive Security Analyst

September 2025

HTB Certified Penetration Testing Specialist

Expected: February 2026

Involvement in Events

- YBN CTF
- Lag'n'Crash
- Advanced Youth Cyber Exploration Programme
- YCEP Central Capture-The-Flag
- NYP Open House & EAE Festival

Project Experience

December 2025 - Present

Lag'n'Crash 6.0

Main Committee / Department Head

- Coordinated with volunteer challenge creators to meet challenge KPIs
- Worked with external organizations to garner sponsorships for the event
- Introduced standardization for challenge submission and general documentation of event details

August 2024 - Present

WorldSkills Competition

Competitor

- Directed our team to complete objectives and obtain flags as fast as possible
- Demonstrated ability to improvise and work under time stress
- Achieved first in WorldSkills Singapore and third in WorldSkills ASEAN
- Trained in penetration testing, web exploitation, digital forensics, malware analysis and more

September 2025 - December 2025

YBN CTF 3.0

Organizer / Challenge Creator

- Coordinated with volunteer challenge creators to meet challenge KPIs
- Researched Techniques, Tactics and Procedures (TTPs) of well-known APT groups
- Designed new tools to aid in challenge creation
- Authored challenge creation documentation and writeups

Leadership Experience

- Lag'n'Crash 6.0 Department Head (Challenge Creation) - 2025 - 2026
- InfoSec Club Vice President (Nanyang Polytechnic) - 2025 - Present
- NCC Staff Sergeant (Peirce Secondary School) - 2022 - 2024
- CCA Leader (Peirce Secondary School) - 2022 - 2024
- CCE Leader (Peirce Secondary School) - 2020 - 2022