

EDUCATION

Nanyang Technological University, Singapore
Bachelor of Computing
Year 3 - Computer Science

Aug 2022 - May 2026

Anderson Junior College, Singapore

Jan 2018 - Dec 2019

GCE A Levels

- GCE A-Level Biology, Chemistry, Mathematics, Economics
- 5 Distinctions

SUMMARY

Motivated and versatile professional with a strong foundation in cybersecurity, data analysis, and software development. Experienced in identifying vulnerabilities, implementing security protocols, and ensuring compliance with industry standards. Passionate about continuously expanding cybersecurity knowledge and staying ahead of emerging threats.

EXPERIENCE

YTL Powerseraya

Jan 2025 - May 2025

Cybersecurity Intern

- Collaborated in executing cybersecurity measures for over 10 critical OT and IT systems, enhancing security across plant control and critical information infrastructure.
- Performed in-depth vulnerability assessments and risk analysis on OT and IT systems, identifying over 20 potential threats and recommending mitigation strategies to safeguard critical infrastructure.
- Monitored network traffic data in real-time using Splunk, analysing security events to detect anomalies, improve threat detection, and optimize overall network security.

Singapore Police Force

Dec 2020 - Apr 2022

Ground Response Officer

- Responded for all emergency dispatch and to take action at crime and disaster scenes on a daily basis
- Performed various covert operations to deter and prevent instances of crime.

COURSEWORK

- Parking Availability Web Application (2024) : Developed a robust parking availability application catering to both car and bike users, featuring real-time updates and enhanced search results.
- Hack & Roll Hackathon (2024) : Development of a web application designed to recommend book choices to users based on individual preferences.
- Reinforcement learning agent (2024) : Accomplished a Q-learning solution to train an agent to balance a pole on a moving cart by optimizing its interactions with the environment.
- Java Project (2023) : Designed a system tailored for school camps, incorporating functionalities for participant registration, activity scheduling, resource allocation, and real-time communication among staff, students, and student leaders.
- Project in Data Analytics (2022): Developed a predictive model to assess the profitability of films by analysing key factors including cast, budget, and ratings.

CERTIFICATIONS

- Google Cybersecurity Certificate (2024) : Threat Analysis/Risk Management/Cyber Defence Strategies
- Google Advanced Data Analytics Certificate (2024)

SKILLS

- Singapore Sign Language Level 2
- Proficient in English and Chinese
- Microsoft Office - Microsoft Excel, Powerpoint, Word, PowerBI
- Programming Language - C, C++, Java, JavaScript, Python, R
- Technical Skills- HTML, CSS, Verilog, AI(ML)
- Cybersecurity: Computer Architecture/ Network Security/ Splunk SIEM/ Risk Assessment/ Security Framework

CO-CURRICULAR ACTIVITIES AND COMMUNITY SERVICES

NTU Welfare Services Club, Deaf Community, Elders

Aug 2022 - Present

Volunteer

- Volunteered in community outreach initiatives to raise awareness about deaf culture, promote understanding, and foster inclusivity

- Organizing and facilitating various workshops and activities for the deaf community
- Organizing and facilitating weekly events for elderlies

Red Cross Youth

Feb 2017 - Dec 2018

Volunteer

- Delivering health and safety training programs, including first aid, CPR, and disaster preparedness, to individuals and communities
- Engaging and mobilizing volunteers to participate in Red Cross activities, blood drives, and community outreach programs