LOH WEI KIAT
Cybersecurity Student

Contact

📞 +65 9468 7497

✉ weikiatloh2007@gmail.com

in Linkedin

🌐 Portfolio

Certificates

- Certified Ethical Hacker (CEH)
- Cybersecurity Coursera
- IBM Cybersecurity Fundamentals

Technical Skills

- Networking
- Linux
- Docker
- Virtualization
- Python
- Forensics
- JavaScript
- SQL
- Cryptography

Soft Skills

- Problem Solving
- Critical Thinking
- Presentation
- Leadership
- Teamwork
- Customer Service

Languages

- English
- Chinese

About Me

A cybersecurity and digital forensics enthusiast, I'm currently studying at Nanyang Polytechnic and serving as a subcommittee member of the NYP InfoSec Club. As a Director's List awardee, I'm driven to deepen my knowledge beyond the classroom through hands-on learning. I enjoy collaborative environments where I can grow, contribute, and work toward meaningful cybersecurity initiatives.

EDUCATION

Diploma in Cybersecurity & Digital Forensics   2024 - 2027

Nanyang Polytechnic

- Admitted to the Director's List in Year 2 Semester 1

GCE O Levels   2020 - 2023

Guangyang Secondary School

2023   Edusave Scholarship Award
         Good Leadership Eagles Award

2022   Edusave Merit Bursary
         Top in Guangyang Design and Technology
         Good Progress Award

EXPERIENCE

- NYP Infosec Subcommittee
  - Co-led NYP Capture-the-Flag (June 2025) as Assistant-in-Charge by coordinating event execution, driving a 10% increase in participation.
  - Developed training materials for multiple cybersecurity workshops to support hands-on learning and guided practice.
- School Projects
  - *EcoBike*
    - Built and deployed a bike rental web application using Flask, Docker, and Proxmox, integrating a local AI chatbot (Ollama).
  - *CultureQuest* (Project Awarded for Distinction)
    - Built a challenge-based application bridging communication barriers using Flask, MySQL, and Bootstrap
    - Integrated a fine-tuned AI model, WireGuard VPN, and Google Auth, Maps, and VirusTotal APIs

OTHER PROJECTS

Self-Hosted Home Lab

- Created a mini network infrastructure
- Hosted Docker containers, Kubernetes services, and local LLMs
- Performed network segmentation, routing, and firewall configuration
- Used Proxmox to virtualize the entire environment
- Performed clustering of devices for AI LLM models