



# LOH WEI KIAT

Cybersecurity Student



## 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.

## Contact

📞 +65 9468 7497

✉️ weikiatloh2007@gmail.com

## 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
- Leading
- Teamwork
- Customer Service

## Languages

- English
- Chinese

## EDUCATION

- **Diploma in Cybersecurity & Digital Forensics** 2024 - 2027  
*Nanyang Polytechnic*
  - Admitted to *Director's List* in Year 2 Semester 1
  - NYP Infosec Sub-Committee
    - Organized *NYP Capture-the-Flag* (June 2025) as Assistant In-Charge, increasing participation by 10%
    - Created materials for multiple cybersecurity workshops
      - Cloud Hacking Workshop
      - Web Hacking Workshop
  - School Projects
    - *EcoBike*
      - A full stack Bike Rental E-commerce Application, made with Python flask and Bootstrap. Used Ollama for locally-run AI Chatbot
      - Hosted with Proxmox, and Docker for deployment
    - *CultureQuest* (Project Awarded for Distinction)
      - A full stack challenge/task based Application to bridge communication barriers between multiple generations, made with Python Flask, MySQL Database and Bootstrap.
      - Made use of locally-run fine-tuned AI model, Wireguard VPN, Google-auth API, Google maps API and VirusTotal API
- **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

## OTHER PROJECTS

### Self-Hosted Home Lab

- Created a Mini Infrastructure in network
- Hosted Services like Docker containers, Kubernetes and LLM
- Performed Network segmentation, routing, and firewall configurations
- Used Proxmox, to virtualize the entire environment
- Performed Clustering of devices for AI LLM models