STEVE LOO HAN XIN

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in Steve Loo Han Xin

CYBER SECURITY STUDENT

Cybersecurity graduate with hands-on experience in security monitoring, threat analysis, and malware detection using deep learning. Experienced in log analysis, penetration testing, and CTFs. Actively seeking Blue or Red Team roles to apply and grow technical skills.

EDUCATION

- **BSc in Computer Science (Cyber Security)**
- Asia Pacific University of Technology & Innovation (APU)
- *06/2022 – 06/2025*
- *CGPA: 3.34*
- *Key Modules: Vulnerability Assessment and Penetration Testing, Wireless and Mobile Security, Advanced Cyber Security, Deep Learning for Intrusion Detection*
- *Final Year Project: Integrating Machine Learning for Malware Detection in Endpoint Security: A Focus on Windows Systems*

WORK EXPERIENCE

- **Cybersecurity Technical Support Intern**
- Westcon Solutions (M) Sdn Bhd
- *Apr 2024 – Aug 2024*
- *Archievements/Tasks*

  - *Provided Tier 1 support for cybersecurity products, assisting clients with technical issues and ticket resolution.*
  - *Worked with case management tools and supported real-world operations of cybersecurity appliances.*
  - *Gained exposure to Blue Team practices including log analysis and incident documentation.*

SKILLS

TECHNICAL SKILLS
- **Language:** *Python, C++, Java, C#*
- **Security Tools**: *Wireshark, Burp Suite, Nmap*
- **Platforms:** *Linux, Windows*
- **Other:** *Cisco Packet Tracker, SQL Server, R Studio*

LANGUAGES
- **Chines** – *Native*
- **English** – *Full Professional Proficiency*
- **Bahasa Melayu** – *Limited Working Proficiency*

SOFT SKILLS

Team Collaboration · Time Management · Critical Thinking · Communication · Multitasking

CERTIFICATES

- FCF – Introduction to the Threat Landscape 2.0 Self-Paced (March 11, 2025)
- Introduction to Cyber Security Learning Path (20th November 2023) – TryHackMe
- Pre Security Learning Path (27th November 2023) – TryHackMe
- CCNAv7: Switching, Routing, and Wireless Essentials (17th October 2023) – Cisco

COMPETITION EXPERIENCE

- m0leCon Beginner CTF 2023
  - **55/616**
- rENTAS CTF 2024
  - **Participate**
- Wargame.my 2023
  - **Participate**

FINAL YEAR PROJECT

- CNN-RNN fusion model + metadata analysis
- File-based detection on Windows (PE, ZIP)
- GUI with scan, log, and report features
- Auto-feedback loop to retrain on FP/FN
- Achieved 85%+ precision & F1-score