



(Gabe) Zhan Hong Chew

Cybersecurity Intern
(Red Team/Pentester)
(Analyst/Engineer)

Profile

A top-ranked cybersecurity and computer science student with hands-on skills in offensive security, hardware hacking, and reverse engineering, proven by building a pentesting lab.

Contact

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<https://github.com/gluppler>

Languages

- Malay (Native or Fluent)
- English (Native or Fluent)
- Mandarin (Native or Fluent)
- Cantonese (Native or Fluent)

Skills

- Penetration Testing
- Reverse Engineering
- Hardware & Firmware Security
- Python, Go & C++
- Linux & Virtualization
- Active Directory Security
- Web & Network Exploitation

Education

BSc (Hons) in Computer Science

Sunway University, Selangor

Sept 2023 – Jan 2027 (Expected graduation)

GPA: 3.2

Diploma in Information Technology

HELP University, Selangor

Jun 2020 – Dec 2022

GPA: 3.19

Work Experience

IT Consultant

AIA Malaysia, Kuala Lumpur

April 2023 - September 2023 (6 months)

- **Assisted** in patching system vulnerabilities.
- **Conducted** user access control reviews.
- **Gained** experience in an enterprise network.

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Blockchain Developer Intern

Gameconomy, Kuala Lumpur

May 2022 - August 2022 (4 months)

- **Analyzed** and **hardened** smart contracts.
- **Implemented** Merkle Trees for secure airdrops.
- **Deployed** and **configured** private blockchain networks.

Projects

Modular Cybersecurity Lab Architecture

Architected a modular pentesting lab using KVM/Qemu and a pfSense firewall.

Implemented network segregation

(LAN/DMZ) for realistic training scenarios.

Deployed Active Directory, Dockerized web targets, and vulnerable VMs.

HelloARM64: ARM64 Assembly Curriculum

Developed a hands-on curriculum for ARM64 assembly on macOS and Linux.

Covered both bare-metal programming (syscalls) and C++ integration.

Engineered a cross-platform build and debug toolchain using Make and Clang/GCC.