

# Ashton Ang Wu Zun

## Network & Cybersecurity Student

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### SUMMARY

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Second-year Higher Nitec Network & Cyber Security student at ITE Singapore. I build small security and networking tools in Python: log analysis, host and port discovery, and socket programming. I also have hands-on experience with server deployment and client-server networking, and I am looking for a cybersecurity, network, or systems administration internship where I can keep building and learning.

### TECHNICAL SKILLS

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**Security & Networking:** Log analysis and triage, host/port discovery, TCP/IP, client-server networking, server deployment, SSH

**Programming:** Python, Bash (familiar: JavaScript, SQL, Java, C#, C++)

**Tools & Platforms:** Linux, Git & GitHub, regular expressions

### PROJECTS

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#### SSH Failed Login Analyzer

Python · Regex · Log parsing

Reads a Linux auth.log, extracts the IPv4 address from every "Failed password" entry with a regex, and ranks the IPs by failed-attempt count so brute-force sources surface immediately for triage. [github.com/HappyCPPD/AuthLogReader](https://github.com/HappyCPPD/AuthLogReader)

#### Subnet Scanner

Python · Networking

Command-line host and port discovery: takes a subnet in CIDR notation, pings every address to find live hosts, then opens short-lived TCP connections to common ports (SSH, HTTP, HTTPS, SMB, RDP). Built entirely on the Python standard library, it scans a full subnet in seconds. [github.com/HappyCPPD/Subnet-Scanner](https://github.com/HappyCPPD/Subnet-Scanner)

#### LAN Chat Room

Python · Sockets

A console chat application with a Python socket server that accepts multiple clients over a local network and relays messages between them. My first hands-on socket programming project. [github.com/HappyCPPD/python-chat-room](https://github.com/HappyCPPD/python-chat-room)

### EXPERIENCE

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#### Freelance Tools Developer

2020 — Present

Self-employed. Design, build, and sell custom Discord bots and game-automation tools to paying customers and gather requirements, ship, and provide ongoing support.

#### Courier & Package Handler

Apr 2023 — Jun 2025

QuickMove. Sorted and moved parcels across shifts while studying full-time, balancing reliable work with coursework.

### EDUCATION

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#### Institute of Technical Education (ITE), Singapore

Jan 2025 — Present

Higher Nitec in Network & Cyber Security

#### Jurong West Secondary School

2021

GCE N(T)-Level

### CERTIFICATIONS & LANGUAGES

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Fortinet: Certified Fundamentals (FCF) in Cybersecurity · Fortinet: Technical Introduction to Cybersecurity 1.0

Google: Foundations of Cybersecurity · Google: Put It to Work: Prepare for Cybersecurity Jobs

Languages: English (professional working), Thai (elementary)