Jun Wei **Woon**

STUDENT AT SINGAPORE INSTITUTE OF TECHNOLOGY (SIT)

Singapore

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I am a student currently persuing a Degree in Computing Science at Singapore Institute of Technology(SIT) and a SHINE Intern at Singtel. I have a deep driven passion for security, electronics and automation.

Employment

Security Engineer SHINE Intern
Singapore Telecommunications Ltd (Singtel)

TECHNOLOGY AND SERVICE ASSURANCE
September 2024 –> Present

- Responsible for updating and improving the Automation System(s) of the Advance Security Operations Centre (ASOC)

Armament Technician Specialist
Singapore

SINGAPORE ARMED FORCES
July 2020 –> July 2022

- Responsible for maintainence and repair of the armament and C4 Systems of the Hunter Armoured Fighting Vehicle
- Led a sction of 7 - 10 technicians for daily maintenance of vehicles

Student Intern
Cyber Test Systems

CYBER TEST SYSTEMS
November 2019 –> Feburary 2020

- Malware Analysis of a 32-bit Potable executable file
- Log Analysis with security information and event management (SIEM) for the creation of threat signatures based on different cyber attack threat vectors
- Developed A Raspberry Pi GPS-based NTP Server
- Depolyed Hybrid Cyber Range (Server Infrastructure) for services that include — File Sharing (SMB), Domain Name Server (DNS), Network time (NTP)

Administrator
Coursemology.sg

OLYMPUS LEARNING ACADAMY
Feburary 2019 –> March 2019

- Website Management and creation of new course pages on the website
- Online marketing with email marketing, email automation and Search Engine Optimisation
- Front-end customer service and administration.

Instructor
Millenia Walk, Singapore

JH KIM TAEKWONDO INSTITUTE(MAIN)
May 2016 –> June 2016

- Taught Children and Young adults Taekwondo Basic hand and kicking techniques for self defense

Instructor
Singapore

TEAM SPECTRUM TAEKWONDO
August 2015 –> Present

- Taught classes of varying ages —Toddlers - Seniors Taekwondo hand and kicking techniques for self defense
- Instilling values in younger students
- Responsible for weekly training sessions for competitive and non-competitive environments

Publications

1. Woon, J. W., Sheng Jovian, L. H., Choon How, B. L., Richie, W. R., Yuan, P. X., Abhishek, N. V., & Bin Abbas, M. F. (2024). Multi-protocol wireless mesh sensor network. *2024 IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS)*, 1–6. `https://doi.org/10.1109/APWCS61586.2024.10679304`

Education

Singapore Institute of Technology, University of Glasgow
Singapore/Glasgow

BSC (HONS) COMPUTING SCIENCE
2022 –>

- Cumulative Grade Point Average: 4.73/5
- Singtel SHINE Apprentice
- Code Olympics 2024 (Participant)
- StandCon CTF 2023 (Participant)

Nanyang Polytechnic   *Singapore*

Diploma in Cyber Sercurity and Forensics   *2017 –> 2020*

- Cumulative Grade Point Average: 3.37/4
- Diploma Plus: Linux System Essentials
- NYP Taekwondo Club

Skills

Programming Languages

PYTHON, C, R, JAVA, SQL, PHP, BASH, RUST, C#

Cyber Security

CRYPTOGRAPHY, BASIC REVERSE ENGINEERING, MALWARE ANALYSIS, TRAFFIC ANALYSIS, SIEM, SOAR

Operating Systems

GNU/LINUX, WINDOWS, FREEBSD VARIENTS, FreeRTOS, ROBOT OPERATING SYSTEM (ROS)

Version Control

Git

IoT

RASPBERRY PI, 3D PRINTERS, ESP32, ARDUINO, ROS

Awards and Certifications

Certifications

Google Advanced Data Analytics   *Coursera*

Google Advanced Data Analytics Certification   *2024*

Google Cyber Security   *Coursera*

Google Cyber Security Certification   *2024*

Amazon Web Services (AWS)   *AWS*

AWS Academy Cloud Foundations   *2023*

Docker   *VMware*

Docker Fundamentals   *2023*

Kubernetes   *VMware*

Kubernetes Fundamentals   *2023*

JPMorgan Software Engineering Virtual Experience on Forage   *JPMorgan Chase & Co.*

Used perspective data visualization software and Python to monitor stock price trends and create trading   *October 2022*
strategies.