

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 section of 7 - 10 technicians for daily maintenance of vehicles

Student Intern

Cyber Test Systems

CYBER TEST SYSTEMS

November 2019 -> February 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
- Deployed 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

February 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

- 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
- Provost List AY2023/2024 (Top 2% of cohort)
- Singtel SHINE Apprentice
- Code Olympics 2024 (Participant)
- StandCon CTF 2023 (Participant)

Nanyang Polytechnic

DIPLOMA IN CYBER SECURITY AND FORENSICS

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

Singapore

2017 -> 2020

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 VARIANTS, FREERTOS, ROBOT OPERATING SYSTEM (ROS)

Version Control

GIT

IoT

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

Awards and Certifications

CERTIFICATIONS

Google Advanced Data Analytics

GOOGLE ADVANCED DATA ANALYTICS CERTIFICATION

Coursera

2024

Google Cyber Security

GOOGLE CYBER SECURITY CERTIFICATION

Coursera

2024

Amazon Web Services (AWS)

AWS ACADEMY CLOUD FOUNDATIONS

AWS

2023

Docker

DOCKER FUNDAMENTALS

VMware

2023

Kubernetes

KUBERNETES FUNDAMENTALS

VMware

2023

JPMorgan Software Engineering Virtual Experience on Forage

USED PERSPECTIVE DATA VISUALIZATION SOFTWARE AND PYTHON TO MONITOR STOCK PRICE TRENDS AND CREATE TRADING STRATEGIES.

JPMorgan Chase & Co.

October 2022