

# 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). I have a deep driven passion for software, electronics and automation.*

## Employment

### 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 -> 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

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

## Education

### Singapore Institute of Technology

Singapore

BSC (HONS) COMPUTING SCIENCE

2022 ->

### Nanyang Polytechnic

Singapore

DIPLOMA IN CYBER SERCURITY AND FORENSICS

2017 -> 2020

- Cumulative Grade Point Average: 3.37

### Balestier Hill Secondary School

Singapore

GCE 'O' LEVELS

2013 -> 2016

- Aggregate Score: 13

# Skills

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## Programming Languages

PYTHON, SQL, JAVA, C#, BASH, C

## Markup Languages

CSS, HTML, L<sup>A</sup>T<sub>E</sub>X, MARKDOWN

## Data Interchange Formats

CSV, JSON

## Operating Systems

GNU/LINUX, WINDOWS, FREEBSD VARIANTS

## Version Control

GIT

## Text Editors

SQL SERVER MANAGEMENT STUDIO, VIM, VISUAL STUDIO, VISUAL STUDIO CODE, ECLIPSE

## Microsoft Office

EXCEL, OUTLOOK, ONENOTE, POWERPOINT, WORD

## Computer Hardware

RASPBERRY PI, 3D PRINTERS, CUSTOM PERSONAL COMPUTERS

# Projects

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## Creality Ender 3 V2 3D Printer

3D PRINTER

Singapore

2022

- 3D Printer powered by a Raspberry Pi to print functional parts for replacement/repair of equipment
- Modified and engineered to print different materials at a higher speed and accuracy

## Home Server

DOCKER-BASED SERVER

Singapore

2022

- Decommissioned personal computer recommissioned as a docker-based server that serves applications like bitwarden, NTP and game server

## Home Network router

PFSense NETWORK ROUTER

Singapore

2021

- Installed and configured PFSense router software on decommissioned Personal Computer(PC) to serve as a home network router at home. This allows for better control and configuration of my home network to suite my family's needs.
- Services Include — Network Segregation, Load Balancer, DNS Server/Forwarder, Reverse Proxy Server, Wireguard VPN Server

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GITLAB-HOSTED WEBSITE

gitlab.com

2020

- Deployed a website with Gitlab's CI/CD to serve as a portfolio and a cheatsheet/guide for future code and configuration references

## Home File Server

FREENAS NETWORK-ATTACHED STORAGE

Singapore

2019

- Installed, configured and secured FreeNAS as a network storage for my family to store files off their devices

# Certifications

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## 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

## HackerRank

SQL(BASIC)

HackerRank

2022

## HackerRank

PYTHON(BASIC)

HackerRank

2022

## Taekwondo

SINGAPORE TAEKWONDO FEDERATION 3RD DAN BLACK BELT

Singapore

2019

**Taekwondo**

KUKKIWON 1ST DAN BLACK BELT

Singapore

2018

**Taekwondo**

NATIONAL COACH ACCREDIATION PROGRAM LEVEL 2(TECHNICAL)

Singapore

2017