



ALWYN WEE CI YONG
Software engineer

Singapore, Ang Mo Kio
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PROFILE

Undergraduate with NTU, majoring in Electrical Electronics Engineering specializing in Computer Engineering.
Passionate and interested in software engineering, Datasience and AI.

SOCIAL

@alwynwcy
 @alwyn_wee
 @Aweecy

EDUCATION

Bachelor's in Electrical Electronics Engineering

Nanyang Technological University
2019 - 2022

Diploma in Aerospace Electronics

Ngee Ann Polytechnic
2014 - 2017

Diploma Plus in Business Management

Ngee Ann Polytechnic
2015 - 2017

Diploma Plus in Satellite Fundamentals

Ngee Ann Polytechnic
2015 - 2017

SKILLS

- Html
- NodeJS
- Python
- Css
- DiscordJS
- C++
- Javascript
- ReactJs
- SQL

EXPERIENCE

Radio Frequency Engineer (Internship)

From Jan 2021 (6 mths) | Wavestream Singapore

Developed VBA-based code to efficiently analyse hundreds of data sets collected for Ka-band MMIC characterization.
Rendered assistance in Research and Development testing.
Designed a prototype power operational amplifier (Op-amp) circuit to drive a low impedance load for envelope modulation into RF transistors.

Classification Machine Learning & Data Analytics - Group Leader (Academic Project)

From Jul 2020 (5 mths) | Nanyang Technological University

Developed and **integrated** Classification of moving vehicle for 'Surveillance using Retina Inspired Cameras'.
Handled the improvement of accuracy (95%).
Spearheaded the project to fruition while doing testing/debugging.

Commando Leader (National Service)

From Dec 2018 (5 mths) | Singapore Armed Forces

Took charge of a detachment size of 12 to perform small-unit missions.
Responsible for trooper's well-being and training.
Planned, brainstormed, immersed with **critical thinking** for the tasked mission.
Able to perform under stress while in unfavourable conditions.

CERTIFICATES

Certified ScrumMaster® (CSM®)

Awarded by Scrum Alliance offered through NTUC Learning Hub.
 [See credential](#)

Machine Learning and Advanced Analytics using python

Work with machine learning models and feature engineering.
Awarded by NTUC Learning Hub.

C++ Programming - From Beginner to Beyond (Udemy)

41.5 Hrs of C++ Programming Crash Course.

Programming Foundation with Javascript, HTML and CSS

Awarded by Duke University offered through Coursera.

Ngee Ann Polytechnic Director's List (Level 2.1 and 2.2)

The School of Engineering's prestigious roll of honour for the top 10% of academic achievers.

LANGUAGES

- English
- Mandarin

INTERESTS



Reading



Fitness



Investing

REFERENCES

Mr. Chun Tung Cheung

Managing Director (Wavestream Asia)

Phone: Upon request

Email: Upon request