



**ALWYN WEE CI YONG**

Software engineer

📍 Singapore, Ang Mo Kio

✉ alwynwee96@gmail.com

☎ +65 9091 4235

## S O C I A L

🌐 @alwynwcy

📷 @alwyn\_wee

📧 @Aweecy

## P R O F I L E

Undergraduate with NTU, majoring in Electrical Electronics Engineering specializing in Computer Engineering.

Passionate and interested in software engineering, Datascience and AI.

## E D U C A T I O N

### ● 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

## E X P E R I E N C E

### ● 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.

## C E R T I F I C A T E S

### 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.

## R E F E R E N C E S

Managing Director (Wavestream Asia)

**Mr. Chun Tung Cheung**

Phone: Upon request

Ngee Ann Polytechnic

2015 – 2017

Email: Upon request

## SKILLS

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

## LANGUAGES

- English
- Mandarin

## INTERESTS



Reading



Fitness



Investing