

SWAN HTET NYI HEIN

Aspiring Software Developer & Data Analyst

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INTERESTS

Coding | Artificial Intelligence |
Web, app, and game development |
Data analysis and visualization

RELEVANT EXPERIENCE

Smart Car Project

Singapore Polytechnic | 2017

The project was showcased at Young Makers Summit 2017 organized by Intel.

- Build a smart car prototype using acrylic
- Programme the sensors using Arduino UNO
- Assemble and test the prototype

Forward Maintenance Portal

Singapore Armed Forces | 2020

An ongoing project to build a web portal for my unit in Army. Some of the features include:

- Display sorted daily parade state
- Daily taskings checklist for NSF technicians
- Guard duty History
- Personal Medical Status

PERSONAL PROJECTS

Portfolio Website | 2019

Build a simple responsive portfolio website.

Overwatch Companion App | 2019

Prototype an Overwatch (game) companion mobile app which is to be developed in the future.

Telegram Bots | 2019-2020

Build simple Telegram bots to get updates on tech news on Medium, new movies in cinema, and recommended food places.


EDUCATION

Diploma in Aerospace Electronics

Singapore Polytechnic | 2015 - 2018

SKILLS

For data analysis and visualization:

- Python 
Libraries include NumPy, Pandas, Seaborn, Matplotlib, OpenCV.

For web development:

- HTML, CSS 
- JavaScript 
- Django 

For app development:

- Adobe XD (prototyping) 

For game development:

- Unity (C#) 

SELF-STUDY COURSES

For data analysis and visualization:

- Udemy: Python Bootcamp: Go from zero to hero in Python by Jose Portilla | 2019
- Udemy: Python for Data Analysis and Visualization by Jose Portilla | 2020

For web development:

- Book: HTML & CSS by Jon Duckett | 2019
- Book: JavaScript & jQuery by Jon Duckett | 2019
- Udemy: Python and Django Full Stack Web Developer Bootcamp by Jose Portilla | 2020

For game development:

- Unity Website: Tutorials | 2020