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