Gerald Lee Ming Han

+6017 3071 731

geraldleeming@gmail.com

linkedin.com/in/geraldleeming

Damansara, Selangor, Malaysia

About Me

Gerald L. is an upcoming young professional, seeking to gain first-hand and on-site experience in the Computer Science and Software Development industry. Currently a graduated student who is interested in learning new habits and skills to adapt to the fast paced environment we live in.

Technical Skills

Core
Algorithms & Data Structure, Machine Learning, Mobile Application, Linux, Git, Data Analytics & Visualisation, Object-Oriented Programming, Database and Web Development.

Programming languages
Python, Java, C, SQL, JavaScript, Kotlin, R and MATLAB.

Software
GitHub, PyCharm, IntelliJ, RStudio, SQLDeveloper, Moqups, Android Studio, Tableau and MATLAB.

Education

Bachelor of Computer Science
- Monash University Malaysia *2019-2022*
- Monash University Australia (Student Exchange Program) *Feb 2020 - July 2020*

AUSMAT
- Sunway College *Mar 2018 - Nov 2018*

IGCSE
- Wesley Methodist School Kuala Lumpur (International) *2013 - 2017*

Projects

Customer Feedback Survey through Facial Expression Recognition
Developed an application which captures (Raspberry Pi) and classifies (trained YOLO model) the facial expression of a customer to determine the satisfaction level of the customer.

Parallel Computing using MPI and Mutex
Optimizing algorithms through the distribution of computing power which significantly reduces the computation time and also managed shared and distributed memory using mutex.

Zombie Game using Object-Oriented Design and Programming
Utilizing concepts such as encapsulation, abstraction, polymorphism and inheritance to build a simple zombie game.

Machine Learning Models
Obtaining highest accuracy of classification using Naive Bayes, Decision Trees, Bagging, Boosting and Random Forest methods alongside understanding the data through analysis.

Visualising Data
Tidied data and produced various visualisations learnt which can be found here.

Co-Curriculum / Teamwork Experience

Google Developers Student Club
2020-2021: Creative Core Team

Tournaments / Competitions
- 2019: Monash Group Hackathon revolving Education
- 2020: Monash Cup, CS:GO 1st Runner-up (Captain)
- 2021: Monash Cup, Valorant Champions
- 2021: Monash Coding League; Competitive programming
- 2022: Inter university Valorant LAN tournament (Captain)

Working Experience

Newswav | Dec 2020 - Mar 2021
- Interned as a Mobile Application Developer (Android) to develop multiple COVID-19 daily numbers update page.
- Mapped out user journeys to understand the flow of users to pinpoint specific pages to be improved.

JC Espresso Cafe | 2016
Assisted the Head Chef in preparing and cooking specific dishes for customers especially during rush hours.