Goh Chen How

Software Engineer (Fresh Graduate)

I am a person who is willing to spend time identifying and solving problems. Apart from that, I adapt quickly to the changing in the working environment and have a strong commitment.

Contact

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- 📍 Tanjung Sepat, Selangor

Education

Bachelor Degree of Computer Science

Universiti Tunku Abdul Rahman   2020-2023

Result: CGPA 3.5850

Foundation in Science

Universiti Tunku Abdul Rahman   2019-2020

Result: CGPA 3.6940

Technical skills

- **Frontend**: HTML, CSS, JavaScript
- **Backend**: C++, C#, Java, Python
- **Database**: SQL, MySQL, SQLite, MongoDB
- **Tools:** Github, VSCode, AndroidStudio, AWS, OpenCV, Pytorch, Linux

Certification

- Alibaba Cloud Certification (Cloud Computing)
- Sangfor NGAF Technical Associate Certification

Language

- **English**
- **Mandarin**
- **Bahasa Melayu**

Working Experience

2022-2023

CTI Support & pre-sales INTERNSHIP

Sangfor Technologies (Malaysia) Sdn Bhd

- Provided technical assistance and support for incoming queries and issues related to company's product.
- Engaged with potential clients to understand their needs and provided tailored advice on how our company solutions could meet their requirements.

Courseworks/ Projects

Bill Splitting Mobile Application

- **Personal Project - Android Studio, Java, SQLite Database**
- Designed a sleek user interface to allow for easy input of bill details and participant contributions.
- Integrated a SQLite database to store transaction records securely.
- Implemented algorithms to calculate the exact amount owed by each participant, including complex scenarios with uneven shares.

Restaurant Website Design

- **Group Project - HTML, CSS, JavaScript, Web API**
- Developed an engaging user interface that showcases the restaurant's menu, including images and descriptions of dishes.
- Implemented a reservation system allowing customers to book tables online, powered by JavaScript and Web APIs.
- Integrated a dynamic map for location services using Web APIs, providing visitors with easy-to-follow directions.

Store Management System

- **Object-Oriented Programming Course - Java, UML**
- Implemented a system to handle inventory tasks such as adding, viewing, updating, and discontinuing stock.
- Developed subclasses for product categories including Laptops, Desktops, Mice, and Keyboards, encapsulating the unique attributes and behaviors of each category.

Deep Learning Face Mask Detector

- **Advanced Machine Learning Project - Python, Pytorch, OpenCV**
- Engineered a convolutional neural network (CNN) to classify images as 'with mask' or 'without mask' with high accuracy.
- Implemented a Python script to interface with the webcam, process the video feed, and apply the trained model for mask detection.
- Integrated model inference within the application to provide real-time detection and feedback on mask-wearing compliance.