Siu Loong Yau

Fullstack Developer

Fresh graduate student from Monash University Malaysia with bachelor's degree in Software Engineering. Highly experience in full stack development. Competent in data analytics and data processing for big data. Have strong background on data structures, algorithms and SQL database concepts.

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SKILLS

- Java, JavaScript, TypeScript, HTML, CSS
- Python, C#
- React, React-Native, Angular
- ASP .NET Core
- Practical Knowledge on SQL and database concept
- Data Analytics, Data Processing

LANGUAGES

English
Native or Bilingual Proficiency

Chinese
Native or Bilingual Proficiency

Bahasa Malaysia
Professional Working Proficiency

EDUCATION

Bachelor of Software Engineering (First-Class Honours)
Monash University Malaysia

10/2018 - 06/2022

CGPA : 3.902 WAM : 81.964
Dean's List : 2019 - 2021

Cambridge A levels
Methodist College Kuala Lumpur

03/2016 - 06/2018

*Result : 2A 1A**

WORK EXPERIENCE

Software Engineering Intern
InfinitiLab Sdn. Bhd

11/2021 - 02/2022

A company that come up with solutions for different type of clients from different industries. They mainly focus on Web Application development.

Achievements/Tasks

- Participated in 3 different big projects involving bug fixing, feature delivery in terms of front-end and back-end
- Utilized Angular Framework for front-end and ASP Core .NET for back-end

PROJECTS

Entrepreneurship - FASTLANE (03/2022 - 06/2022)
- Proposed a fast and secure checkout process that is able to integrate into online retail shopping platforms
- Utilized two-factor authentication during checkout process

Research Project - Automated Dark Mode Generation for Android Apps (07/2021 - 11/2021)
- Researched and trained a model that automatically modify existing light mode UI design to dark mode
- Achieved by analyzing different dark mode examples from android apps and trained the model with Rule-based machine learning model

Final Year Project - Offline Patient Application (03/2021 - 11/2021)
- Developed an offline patient application for heart failure patients
- Involved machine learning model by tracking daily activity of patients
- Aimed to predict early exacerbation of heart failure

Year Long Project - School of Medicine Bedside Teaching Attendance System (03/2020 - 11/2020)
- Implemented an online attendance system for medical students due to COVID-19
- Inspired by incorrect physical attendance marked by students due to fraud
- Included QR scanning technology in taking attendance