Siu Loong Yau
Junior Software Developer

I am a highly motivated software developer as I believe that the world is heading towards an all digital era, where software systems are replacing all manual labour one step at a time, I think software will bring humanity to the next high.

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📍 Kuala Lumpur, Malaysia

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SKILLS

- Agile Framework
- Practical Knowledge on SQL and database concept
- Java, HTML, CSS, JavaScript, Python, React-Native, C++
- Scrum Framework
- Data Processing for Big data

LANGUAGES

English
Full Professional Proficiency

Bahasa Malaysia
Professional Working Proficiency

Chinese
Native or Bilingual Proficiency

EDUCATION

A levels
Methodist College Kuala Lumpur
03/2016 - 06/2018   2A 1A*

Bachelor of Software Engineering
Monash University Malaysia
10/2018 - Present   GPA : 3.696 WAM : 81.421

ORGANIZATIONS

Buttersoft (www.buttersoftware.com) (11/2020 - Present)
This is an organization that we have started up with a few friends , which are students of software engineering from Monash University. We will help clients to build application for their needs.

CERTIFICATES

NASA Space Apps Challenge E-Certificate (10/2020 - 10/2020)
An E-Certificate for participating the NASA Space Apps Challenge.

PROJECTS

School of Medicine Bedside Teaching Attendance System (03/2020 - 11/2020)
- In this project, my team and I are tasked to develop an attendance system for the medical students and the lecturers. This project is inspired due to the pandemic where students can take in their attendance and have social distancing with the lecturer . The systems allows the student to take in their attendance by scanning a QR-code / 6 pin code generated by their lecturer.

Offline Patient Application (03/2021 - Present)
- This application aims to provide a monitoring system for heart failure patients regarding their health status, which includes the patients that reside in rural areas with limited access to health services and internet connection. This project follows an agent-oriented programming, where the application construction is centered on concept of software agents. The goal is to predict the early exacerbation of heart failure in the patients.

Research Project - Automated Dark Mode Generation for Android Apps (07/2021 - Present)
- This research project aims to invent a model that can automatically modify the existing light mode user interface design to dark mode, reducing the unnecessary design time and accelerating the development process. We collected a large set of real dark mode examples from real android apps, process and analyze them and design an approach that can automatically generate dark mode UI.

ACHIEVEMENTS

Monash Faculty of Engineering Dean's Honours List for 2019 (03/2019 - 11/2019)
I am one of the students who have achieved an average of 80% or above during the 2019 academic year.

Monash Faculty of Engineering Dean's Honours List for 2020 (03/2020 - 11/2020)
I am one of the students who have achieved an average of 80% or above during the 2020 academic year.