

Sean Michael

Computer Science in Data Science Graduate

Indonesian CS graduate of Monash University Malaysia. Looking to work for an exciting company that is willing to kick-start my career in IT. Willing to relocate anywhere.



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SKILLS

Python

TypeScript

Java

C#

PHP

NextJS

HTML/CSS

Web APIs

PostgreSQL

AWS

SQL

Git

Linux

LANGUAGES

English

Native or Bilingual Proficiency

Bahasa Indonesia

Professional Working Proficiency

EDUCATION

Bachelor of Computer Science in Data Science Monash University Malaysia

11/2020 - 06/2023

GPA: 3.4/4.0

Related Courses

- Algorithms and Data Structures
- Big Data Management and Processing
- Mobile Application and Development
- Databases
- Data Analytics
- OOP Design and Implementation

WORK EXPERIENCE

Software Engineer Intern Juris Technologies

11/2022 - 02/2023

Kuala Lumpur, Malaysia

A Malaysian FinTech company that serves banks with their predictive AI debt collection systems, loan origination systems, and other financial tools.

Achievements/Tasks

- Developed back-end of a loan origination and collection system using PHP, PL/SQL and HTML.
- Created tables and loaded data to and from client's servers using SQL and SSH.
- Configured APIs to receive and send requests to and from client's API endpoint.

Contact : JurisTech - contact@juristech.net

PERSONAL PROJECTS

Final Year Project: Device Free Human Activity Recognition Using WiFi CSI and Visible Light Data (07/2022 - 06/2023)

- Researched and developed a system that uses Wi-Fi Channel State Information (CSI) data combined with visible light data to recognize human activities such as standing, walking, and sitting without the use of devices like phones, smart watches, and motion trackers and instead with Wi-Fi routers and photodiodes.
- Created the data combining script using Pandas in Python.
- Trained a Long short-term memory (LSTM) neural network on the data using TensorFlow in Python.

Full-stack React Web App: "Dear Stranger" (09/2023 - Present)

- A full-stack web app built with NextJS, a React-based SSR framework, hosted on Vercel, and uses AWS RDS PostgreSQL for DB hosting.
- App allows users to send and receive anonymized letters that can be responded to by anyone with the goal of letting users share ideas, express thoughts, or just simply say something to the world.
- Uses Prisma for ORM and DB Client, NextAuth for authentication, Nodemailer for emailing, and Tensorflow.js for toxic user input filtration.
- Link: <https://dear-stranger.vercel.app/>

ACHIEVEMENTS

MUMTEC Quick Hack 2021 - First Place in Freshies Category (07/2021 - 07/2021)

Developed a Minimum Value Product (MVP) for a mobile app called "Mentor" that allows students to connect with professionals and become their mentors. Lead my team of 3 other students to win and be awarded First Prize in Freshies Category.