

Marco Brian

Final Year Undergraduate

Currently searching for opportunities in areas of software engineering, data science, and related fields



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Jakarta, Indonesia / Hong Kong



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TECHNICAL SKILLS

React.js

Python

Flask/Django

Git

Bash / Linux

SQL

NoSQL

C++

Agile + Scrum

Java

Cloud Computing

INTERESTS

ML/AI

Product

WebDev

Music

Data Science

EDUCATION

Bachelor's Of Engineering (Computer Science)

University of Hong Kong (Class of 2021)

09/2017 - 05/2021

CGPA - 3.57

Awards

- Recipient of HKU Foundation Entrance Scholarship (Full Scholarship)
- Latest coursework Software Engineering, OS, Database Systems, Object Oriented Programming

HKUWW Exchange Programme (Computer Science)

University Of California, Davis

01/2020 - 06/2020

CGPA-3.72

Awards

- Wong Shek Yung Student Enrichment Scholarship Award
- Coursework - Computer Vision, NLP, Computer Security, Networks, Regression Analysis

WORK EXPERIENCE

Summer Intern

Gense Technologies

06/2020 - 08/2020

Hong Kong

A Hong Kong-based startup focusing on building portable biomedical imaging devices using EIT technology

Tasks

- Worked in Software & Algorithms team - Helped with the design and implementation of NoSQL database to store patients' data
- Set up Flask microserver to perform computation of image reconstruction algorithm of the patient data and implement Cloud Task queues for asynchronous calls
- Built data visualization dashboard to help aid in EIT image visualization and display graph metrics. Built with Dash framework.

Software Engineering Intern

Tokopedia

06/2019 - 08/2019

Jakarta, Indonesia

Tokopedia is an Indonesian technology company specializing in ecommerce. A Unicorn of South East Asia.

Tasks

- Worked as backend developer for Tokopedia's recommendation system
- Fixing and debugging several issues within the recommendation engine
- Implemented NoSQL Cassandra Database for clustering algorithm
- Added new GraphQL queries for the API, Collecting user actions from NSQ for further processing

Teaching Assistant

University Of Hong Kong

09/2019 - 12/2019

Hong Kong

Tasks

- Teaching assistant for core engineering python programming module. Aid students in reviewing lecture concepts and solve programming problems