Marco Brian Widjaja

Currently searching for opportunities in areas of software engineering, data science, product management and related fields.
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Education

BACHELOR'S OF ENGINEERING (COMPUTER SCIENCE) | 2017-2021 | UNIVERSITY OF HONG KONG
- Major: Computer Science (Class of 2021)   CGPA:3.57
- **Recipient of HKU Foundation Entrance Scholarship (Full Scholarship)**
- Latest coursework: Software Engineering, OS, Database Systems, Object Oriented Programming, Machine Learning, Functional Programming,

HKUWW EXCHANGE PROGRAMME (COMPUTER SCIENCE) | 2020 | UNIVERSITY OF CALIFORNIA, DAVIS
- Wong Shek Yung Student Enrichment Scholarship Award   CGPA:3.72
- Coursework - Computer Vision, NLP, Computer Security, Networks, Regression Analysis, Design & Analysis of Algorithms

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

- 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 (Google Cloud) for asynchronous calls

- Built data visualization dashboard to help aid in EIT image visualization and display graph metrics. Built with Dash framework (Python)

SOFTWARE ENGINEER INTERN | TOKOPEDIA | 06/2019 – 08/2019   JAKARTA, INDONESIA
Tokopedia is an Indonesian technology company specializing in ecommerce. A Unicorn of South East Asia.
- 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
- Teaching assistant for core engineering python programming module.
- Aid students in reviewing lecture concepts and solve programming problems

Extra Curricular Activities

CURRICULUM DEVELOPER | BIT PROJECT | 01/2020 – 03/2020   DAVIS, CALIFORNIA
- Build concepts and write content for BitProject a non-profit student-led organization for democratizing tech education. https://www.bitproject.org/

Programming Competitions - Winner of JP Morgan Code For Good 2020 | CreditSuisse CodeIT

SKILLS

React.js	Python	Flask/Django	Git	Bash/Linux	SQL /NoSQL	Agile, Scrum
C++	Java	Cloud Computing	ML / AI			