Marco Brian Widjaja

Passionate in areas of software engineering, data science & product management.
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Education

BACHELOR'S OF ENGINEERING (COMPUTER SCIENCE) | 2017-2021 | UNIVERSITY OF HONG KONG
- Major: Computer Science (First Class Honors of 2021)
- **Recipient of HKU Foundation Entrance Scholarship (Full Scholarship)**
- Talent Development Scholarship under the HKSAR Government Scholarship Fund
- Latest coursework: Software Engineering, OS, Database Systems, Object Oriented Programming, Machine Learning, Functional Programming, Distributed and Parallel Computing,

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

ASSOCIATE PRODUCT MANAGER | SHOPEE | 08/2021 – PRESENT   SINGAPORE
Shopee is one of South East Asia's leading e-commerce company

- User Team Product Manager (User address data, User social relationship data , Feature discovery management)
- Revamp UI/UX flow for user's address input which increased user geolocation accuracy and drastically improved delivery success rate for instant logistics and food delivery.
- Building Shopee's Address as a Service platform for supply chain teams, resulting in cost savings and reduced internal development effort
- Managed technical migration of Shopee's Reporting Tool from legacy stack, while implementing feature enhancements and improvements.
- Supported integration of SeaBank launch, resulting in a 22% increase in user adoption within the first month.
- Additional responsibilities included: conducting data analysis, conducting competitor research, leading UATesting, gathering product requirements and managing stakeholder relationships.

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

- Software & Algorithms Team - Led the design and implementation of a NoSQL database to efficiently store and manage patients' data
- Implemented a Flask micro server 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 a public Indonesian e-commerce company
- Backend developer for Tokopedia's recommendation system
- Successfully resolved and debugged multiple issues within the recommendation engine to improve its performance and functionality.
- Designed and implemented a NoSQL Cassandra Database to support the clustering algorithm, improving data storage and retrieval performance.
- Added new GraphQL queries for the API, Collecting user actions from NSQ for further processing

Extra Curricular Activities

CURRICULUM DEVELOPER | BIT PROJECT | 01/2020 – 03/2020   **DAVIS, CALIFORNIA**
- Content creator for BitProject, a non-profit student-led organization for democratizing tech education. https://www.bitproject.org/. Wrote articles on Computer Science algorithm and theory.

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

Skills

Product Skills	Git	Javascript / React	SQL
Agile + Scrum	Python	Cloud Computing	Bash / Linux