

William

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EDUCATION

Bandung Institute of Technology (Institut Teknologi Bandung)

Aug 2018 - July 2022 (expected)

Bachelor of Science in Computer Science

GPA: 3.95 / 4.0

EXPERIENCE

Software Engineer (Intern)

Tokopedia

Aug 2021 - Feb 2022

- Added 2 new menus on existing internal systems used by the Dhanapala Operation teams.
- Added batching uploading system to allow data to be concurrently uploaded to in Go.
- Developed reporting tools to generate reports every week for bank partners using Go.
- Added new loan simulation strategy using new configuration for future products.
- Added monitoring to increase observability on notification service using Datadog and refactoring existing code to allow easier unit testing.

Backend Web Developer (Intern)

Xtremax

May 2020 - Aug 2022

- Modernize existing testing using Selenium for PAC (Press Accreditation Card) website, including refactor existing code to make easier unit testing.
- Added a new archival system in the website database for saving registration form information for each period time.
- Prototyped a new login system for Singpass, including changing the website UI and authentication process to partners.

PROJECTS

Asset Geographic Information System (React, Express JS, MongoDB, SSO, GCP)

- Prototyping asset management system with geographic information.
- Leverage CAS-SSO as an authentication system to sign in.
- Handed off well-documented and easily modifiable code to client

Fitness Apps | Mobile Application (Android, Kotlin)

- Used Android SDK to develop simple fitness / workout android apps.
- Able to track jogging & cycling instance with reminders and able to show sport news.

Avatar Trading Card Game| Desktop Application (Java)

- Simplified trading card game built using Java that utilizes OOP concepts, including design patterns.

ACHIEVEMENT

3rd rank, [National] Gemastik Data Mining Competition (Oct 2019)

- Prototyping a deep learning model that is capable of separating different types of waste based on how they are processed.

Top 15, National Data Science Competition Shopee (Nov 2020).

- Matching payment using fuzzy search & Create apriori algorithm to calculate market basket confidence

Familiar Technologies and Languages

- Go, Python, Java, Node Js (Express), SQL, HTML, CSS, Javascript
- Git, GCP, Redis, NSQ (Message Queue), Graylog, Datadog, MySQL, PostgreSQL, MongoDB, Jenkins