William

Age : 21

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EXPERIENCES

Backend Engineer Intern (Fintech)	**Tokopedia**	*Aug 2021 - Feb 2022*

- Develop and maintain 2 internal tools related to Tokopedia Modal Toko using Go.
- Creating a scheduler to send weekly reports for related partners.
- Build API for importing fraud related data from partners and use it to validate new applicants.
- Help build payment simulation for new Dhanapala loan product.

Data Scientist Intern	**PT. Global Digital Niaga (Blibli.com)**	*June - Aug 2021*

- Develop topic modeling model for chat categorization
- Develop model used to detect fraud for merchant based on merchant stats in Blibli.com

Backend Engineer Intern	**Xtremax**	*May - Aug 2020*

- Develop and maintain unitest and automated testing for integration testing for PAC (Press Accreditation Card) web application on Xtremax.
- Changed an archival system in the website database and helped create a new login system for AC (Press Accreditation Card) web application

VOLUNTEERS

Head Division of Datavidia	**Arkavidia**	*July 2020 - April 2021*

- Preparing for the Datavidia Competition as the head division.
- Communicate with other divisions to ensure the progress of the Arkavidia event.

EDUCATION

Bachelor of Informatics	**Institut Teknologi Bandung**	*Aug 2018 - Oct 2022 (expected)*

- Current GPA: **3.94/ 4.00**

NOTABLE ACHIEVEMENTS

- **[National] 3rd rank, Gemastik Data Mining Competition (2019).** Developed a deep learning model to identify differences between leaves.
- **[National] Best Paper, National Data Summit (2019).** Developed a new way to handle and process waste with deep learning**.**
- **[National] Top 15, National Data Science Competition Shopee (2020).**
  Matching payment using fuzzy search & Create apriori algorithm to calculate market basket confidence

SELECTED PROJECTS

- **WorkingOut (2021)**. An android application built using Kotlin and Android SDK for jogging & cycling workout with alarm functionality and history tracker. Also, the application is able to retrieve sports related events from Sports News. **Kotlin.**
- **ITBGIS (2021).** A web application built using Node Js for storing ITB assets for internal usage. The apps use SSO hosted by ITB for authentication. **Express Js, React Js, PHP.**
- **WebDrawer(2021)**. A simple 2D Web based drawing canvas built using Javascript and webgl.**Javascript, WebGL**.
- **DuelFX (2020)**. A desktop application built using Java to replicate popular trading card game Yugioh using Avatar characters as inspiration. Learn Data Structure, OOP and Design Pattern. **Java**.

RELATED SKILLS

Go, Redis (Cache), NSQ (Message Queue), Graylog (Monitoring), MySQL, PostgresSQL, Java, Python, MongoDB, ReactJs, Node Js (Express), Kotlin (Android).