

Belvin Shandy Aurora

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EDUCATION

Universitas Islam Negeri Syarif Hidayatullah Jakarta

Bachelor of Computer Science, 3.94 (Cum Laude)

Jakarta

2020 – 2024

EXPERIENCE

Machine Learning Tutor

Jul 2024 – Present

Freelance

- Implemented personalized coaching sessions for students struggling with project concepts, significantly reducing errors and improving model efficiency by 10%.
- Provided instruction to students in utilizing data processing pipelines, such as data cleaning, transformation, and feature extraction to improve model performance.
- Assisted students in debugging and optimizing model performance using TensorFlow and Hugging Face libraries, leading to an average 15% accuracy increase in their classification tasks.

Data Engineer

Nov 2023 – Dec 2023

Ministry of Education and Culture Republic of Indonesia

Jakarta, Indonesia

- Prepared and organized dataset for analysis using Python with the pandas library, reducing processing time by 50%.
- Collaborated with the data analysis team to identify key trends and insights from visualized data, leading to a 15% increase in actionable recommendations.

Machine Learning Cohort

Feb 2023 – Jul 2023

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Indonesia

- Graduated with Distinction in the top 10% of the Machine Learning track among 5,000 students from various universities across Indonesia.
- Participated in team-based learning programs focusing on machine learning, android development, and cloud computing.
- Utilized TensorFlow to develop and deploy machine learning models.

PROJECTS

Website Application Services of Informatics Engineering Study Program | *Laravel, MySQL* Jun 2023 – Aug 2023

- Developed a full-stack web application to simplify academic administration using Agile methodology to prioritize client needs and streamline project execution, leading to a 20% increase in overall team efficiency.

Official Website of Informatics Engineering Study Program | *WordPress, MySQL*

Jun 2023 – Aug 2023

- Designed and developed a website to serve as a central information hub for the Informatics Engineering Study Program, providing students with easy access to course details, resources, and updates.

Patuli: Pahlawan Tuli | *Python, TensorFlow*

May 2023 – Jun 2023

- Collaborated with cross-functional teams to integrate real-time object detection features into the Android-based machine learning application.
- Developed and trained a deep learning model using TensorFlow to detect objects in Indonesian sign language, with an accuracy rate of 88%.
- Identified and curated diverse image datasets with 60 classes to support machine learning model training.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, SQL, PHP, JavaScript

Frameworks: Laravel, React, Node.js, Express, WordPress

Database Technologies: MySQL, PostgreSQL, Snowflake, SQLite, Microsoft SQL Server, MongoDB, Firebase

Developer Tools: Git, Docker, VS Code, Apache Airflow, Figma

Libraries: Pandas, NumPy, Matplotlib, TensorFlow, Hugging Face