

Muhammad Rizq Ramadhan

+6287878838015 | [linkedin.com/in/rizqramadhan/](https://www.linkedin.com/in/rizqramadhan/) | github.com/egrizq |
rizq.ramadhan17@gmail.com | rizq-ramadhan.vercel.app

Education

Universitas Dian Nusantara

2021 - Present

As 5th Semester Computer Science Student in *Employee Class* with Cumulative *IPK 3.42*.

Program

Dicoding x IDCamp Data Science 2023

- Gained expertise in data wrangling (cleaning, manipulation, and transformation) using Pandas and data visualization with Matplotlib and Seaborn.
- Exploratory data analysis to uncovering hidden trends and predicting unseen data behavior.

Projects

Animal-Grooming | *Typescript, Express, Prisma (MySQL)*

- Developed a robust RESTful API utilizing TypeScript and Express.js, integrating Prisma for efficient database management.
- Implemented Zod for type validation, ensuring data integrity throughout the application. JWT token authentication for secure admin authorization.

Text Summarization | *Python, Flask, Javascript, Bootstrap*

- Create summarization from english text into concise bahasa with LLM models and Google-Trans library to translate the text.
- Developed a Flask API backend for processing Large Language Model (LLM) requests through asynchronous Javascript interactions. The front-end employs Bootstrap for a user-friendly interface.

Image Recognition | *Python, Flask, Javascript, Bootstrap*

- Scraped and organized a dataset image for training and validation with python using bing-image-downloader library.
- Developed a high-accuracy (86%) real-time image recognition system using a TensorFlow-based Convolutional Neural Network (CNN) and Flask deployment in local development.

Work Experience

Calibration Specialist

2021 - 2023

PT. Suryaraya Rubberindo Industries

- Led and increased team performance by enforcing detail inspections and quality standards, eliminated root causes, resulting in achievement of over 95% quality targets.
- Coordinated production schedules across multiple divisions guaranteed on-time and high-quality delivery, exceeding user satisfaction expectations.
- Proactively Identified quality and production issues, preventing delays, and minimizing production downtime, resulting smooth production flow, and maximized output.

Technical Skills

Languages : Python, Go, Javascript, Typescript, Sql

Frameworks : Flask, Gin, Gorm, Express, Bootstrap

Libraries : Pandas, Numpy, Matplotlib, Seaborn