Ridho Nugroho

+62 896-5321-7637 | Cirebon, Indonesia | ridhonugroho1812@gmail.com | github.com/mriaer | linkedin.com/in/ridho-nugroho-a249b8361 | mriaer.github.io

EDUCATION

STMIK IKMI CIREBON CIREBON, IDN

Bachelor's of Science, Computer Science and Mathematics *Feb 2023 — Present*

- Cumulative GPA: 3.97/4.0
- Relevant Coursework: Artificial intelligence, Data Science, Data Mining, Computer Networking, Internet Of Thing, Statistic, Linear Algebra, Discrete Mathematics, Multivariable & Single Variable Calculus, Data structure, Numerical Methods

PROJECTS

Superstore Data Analysis (https://github.com/mriaer/superstore-data-analysis) Jun 2024 — Present

- Conducted comprehensive data analysis on Superstore sales data using Python (Pandas, Matplotlib, Seaborn) to uncover insights on customer behavior, regional performance, and product trends
- The goal is to extract meaningful business insights, identify trends and patterns, and highlight potential areas for growth and optimization in a retail business context
- Applied data wrangling, exploratory data analysis (EDA), and correlation techniques to support data-driven decision-making for retail operations

Web-based Project Management App (https://github.com/mriaer/management-project) Nov 2024 — Present

- Developed a web-based management system using PHP and MySQL to handle employee data, leave requests, and attendance tracking
- Implemented CRUD functionalities with secure login authentication, enabling efficient data management and user access control
- Designed responsive user interfaces with HTML, CSS, and JavaScript to enhance usability and streamline administrative tasks

YouTube Crawling for Sentiment Analysis (https://github.com/mriaer/sentiment-analysis) Nov 2024 — Present

- This project aims to collect over 10,000 comments from YouTube videos related to the Indonesian education system
- Built a sentiment analysis model using Python and Natural Language Processing (NLP) techniques to classify user reviews into positive, negative, or neutral categories
- Trained and evaluated multiple classifiers (e.g., Naive Bayes, Logistic Regression) to identify the most accurate model for sentiment prediction

EXTRACURRICULAR ACTIVITIES

IKMI Cirebon Robotic Team Nov 2024 — Present

- I am actively involved in a robotics student organization, where I participate in projects and competitions as part of my extracurricular engagement
- Assigned to the electronics division, focusing on designing circuits, integrating sensors, and programming microcontrollers for robotic prototypes
- Contributed to hardware development and troubleshooting using tools such as Arduino, multimeters, and soldering stations to support team builds

SKILLS

- **Programming Languages**: Python, C/C++, JavaScript, HTML/CSS, R, SQL
- **Technologies**: Arduino, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, PyTorch, Streamlit, Google Cloud Platform