RAYHAN MUHAMMAD ALFARIZI

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A third-year Electrical Engineering student at Universitas Diponegoro with a strong interest in information technology, particularly in machine learning and data science. Skilled in data analysis and machine learning application through various academic projects. Actively involved in organizational activities, demonstrating leadership and teamwork capabilities, with a commitment to achieving organizational goals.

EDUCATION

Undergraduate in Electrical Engineering   Kota Semarang, Indonesia
Diponegoro University   Jul 2022 - *Present*
  GPA: 3.84

SKILLS

Programing Language: PHP, Python, SQL
Tech Fields: Backend Development, Machine Learning, Data Scientist
Soft Skill: Leadership, Teamwork, Analytical, Problem Solving, Creative & Inovative
Language: Bahasa Indonesia (Native), English (Intermediate)

PROJECTS

To do List   **React**
 Created to do list website   https://letsgobois24.github.io/react-todo-list/

Bike Sharing Report   **Python, Pandas, Matplotlib, Streamlit**
 Deploy analytical data with Streamlit website   https://bike-sharing-fsyiyssv4lwset7hortjwx.streamlit.app

Rock-Paper-Scissor Prediction   **Python, Tensorflow, Keras**
 Predicted rock/paper/scissor from image   https://github.com/rymalfarizi/rockpaperscissor

Books Catalog   **Node.js, Express.js, Mysql**
 Created a library website with CRUD table   https://github.com/rymalfarizi/library_website/tree/main

ORGANIZATIONAL EXPERIENCES

Staff of Education and Reasoning Unit Himpunan Mahasiswa Elektro   **Apr 2024 - *Present***
(HME) Universitas Diponegoro

Chief Executive - Elektro Forge (E-Forge)   Sep 2024
  - Held a PCB design training attended by 54 participants
  - Oversaw the overall planning and execution of the event, ensuring all aspects

Liaison Office - Grow Up with Electrical (GUWE) x Open Lab   Aug 2024
  - Responsible for facilitating communication between the event chairman and the Head of Information Technology Division.

Staff of Creative Economy Unit MAHADISA   **Sep 2023 - Jun 2024**

Sponsorsorship Staff - Try Out Mahadisa (Salatiga Reach Your Dream / SALERA)   Des 2023 - Feb 2024
  - Actively sought and secured sponsorships to support event funding and resource needs.

Fundraising Coordinator - Danusan   Nov 2023
  - Led the fundraising initiative through pre-order food sales, coordinating the planning and delivery of orders.

CERTIFICATION

Belajar Machine Learning untuk Pemula   **Oct 2024**
Dicoding Indonesia   Credential ID N9ZOY7LE6PG5

Belajar Analisis Data dengan Python   **Sep 2024**
Dicoding Indonesia   Credential ID 98XWL9D2WZM3

Belajar Dasar Structured Query Language (SQL)   **Aug 2024**
Dicoding Indonesia   Credential ID N9ZOMJO56PG5

Memulai Pemrograman dengan Python   **Aug 2024**
Dicoding Indonesia   Credential ID 2VX3REDR4ZYQ

Belajar Dasar AI   **July 2024**
Dicoding Indonesia   Credential ID 1RXYL356KPVM

Belajar Dasar Visualisasi Data   **July 2024**
Dicoding Indonesia   Credential ID 6RPN10QW5X2M

Internet of Things (IoT) - Fundamentals   **April 2024**
Skilvul   Badge ID dEKEkMk5RpGBZ8BmraI9ng

Algorithm & Data Structures with Python   **March 2024**
Skilvul   Badge ID pm91w4PdTtawurA3V79SjQ

Python Lanjutan   **March 2024**
Skilvul   Badge ID 3rn8WOztTHC_pwURdiuxhA

Python Dasar   **March 2024**
Skilvul   Badge ID HNd1gAE6QyOJYCjZONV9jA

BOOTCAMP

Samsung Innovation Campus (SIC) Batch 5 - 2023/2024

Stage 1 : Coding and Programming   2 - 24 March 2024
- Completed an intensive bootcamp focused on Python programming, covering key topics such as data structures and algorithms.

Stage 2 : Internet of Things (IoT)   20 - 27 April 2024
- Studied concepts such as IoT architecture, sensors, and communication protocols (e.g., MQTT, HTTP) used in connected devices.