RIFQI ANSHARI RASYID

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A curious person passionate in Data Science, Artificial Intelligence, and Web Development. Highly motivated to learn and solve real-life problems.

Education

Universitas Indonesia *Depok, West Java*   **Jul 2019 − Jan 2025**
Bachelor of Science in Instrumentation Physics

- **GPA:** 3.50 out of 4.00.

- **Thesis:** Design and Development of a Non-Invasive Vital Signs Monitoring System: Heart Rate, Body Temperature, and Respiratory Rate on an IoT-Based Wheelchair.

- **Relevant Coursework:** Data Acquisition, Digital Signal Processing, Sensors & Actuators, Embedded Systems, and Control Systems.

Professional Experience

PT Sugitama Intiarto *Tangerang, Banten*   **Jun 2022 − Jul 2022**
PLC Programmer Intern

- **Resposibility:** Developed PLC programs and designed HMI for a wafer machine system with three stages: tracking, creaming, cream spreading, and stacking, as well as a boiler machine controlled via PID.

- **Final Project Score:** 85 out of 100.

Organizational Experience

Universitas Indonesia Robotics Team *Depok, West Java*   **Mar 2020 − Mar 2021**
Mechanical Division, KRSBI Beroda

- **Resposibility:** Designed, implemented, and maintained mechanical systems for keeper and striker robots.

- Participated in the 2021 Indonesian Robot Contest (KRI 2021).

Skills

Hard Skills

- **Languages:** Bahasa Indonesia and English.

- **Programming languages:** Python, SQL, JavaScript (Node.js), C++, HTML, CSS, MATLAB, and LaTeX.

- **Designing Tools:** Autodesk Inventor, AutoCAD, Proteus, and Vijeo Designer.

- **Others:** Microsoft Office, SQLite, MySQL, Git/GitHub, and Postman.

Soft Skills

Critical thinking, adaptability, fast learning, teamwork, and communication.

Projects

- **PLC and HMI Programming for Schneider-Based Cream Spreader Machine SCS-1H** (PT. Sugitama) – Jul 2022

- **Image Classifier using CNN Algorithm** – March 2025

- **RFM Analysis Online Retail** – Apr 2025

- **Neural Networks from Scratch** – Mei 2025

- **Random Forest Classifier with Flask API** – Mar 2025

Certificates

- **Alibaba Cloud Certified Associate** (Alibaba) – Aug 2024

- **Microsoft Certified: Azure Fundamentals** (Microsoft) – Jun 2025