Mochammad Rizki Aji Santoso

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Data Analytics Enthusiast with a Bachelor's Degree in Informatics Engineering, seeking an entry-level position in Data Science, Machine Learning, or Web Development.

Results-driven Junior Data Scientist with a background in predictive modeling, data mining, and web development. Proficient in Python, SQL, and web technologies, with a focus on extracting valuable insights from data and creating efficient, user-friendly web applications.

EDUCATION

Informatics Engineering	**Sep 2020 - Mar 2025**
Universitas Trunojoyo Madura	**GPA:** 3.58

WORK EXPERIENCE

Data Analytics For Climate Change Resolution And Sustainable Development   **Aug 2023 - Dec 2023**
Zenius Education   **Jakarta, Indonesia**

Participated in the Kampus Merdeka Certified Independent Study Program (MSIB Batch 5) at Zenius Education, focusing on data analytics for climate change and sustainable development, including data cleaning, visualization, multivariate analysis, and time series forecasting using weather data as part of the final project.

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Member of the Community Service Department   **Aug 2022 - Jul 2024**
Forum Nasional Mahasiswa Lamongan (FORNASMALA)   **Indonesia**

Developed the concept map for "Pemuda Untuk Lamongan (PULANG)" initiative and established communication with key stakeholders related to community service, including the Department of Village Community Empowerment (PMD), Social Affairs Office (DINSOS), UMKM Office, and the Indonesian Village Government Association (APDESI) Lamongan.

Member of the Human Resources Development Department   **Mar 2022 - Mar 2024**
PAC IPNU IPPNU Kecamatan Lamongan   **Lamongan, East Java**

Served in the PSDM Department of PAC IPNU IPPNU Lamongan District, focusing on leadership development, education and training programs, Islamic outreach, and community engagement to strengthen organizational capacity at the sub-district level.

CO External Affair   **Sep 2022 - Aug 2023**
Google Developer Groups on Campus - Trunojoyo Madura University   **Bangkalan, East Java**

Handled external affairs by building strong partnerships with both on-campus and off-campus organizations, while also managing communication with media partners and sponsors for various events organized by GDGoC Universitas Trunojoyo Madura.

PROJECTS

Rainfall Prediction Using Ensemble Support Vector Regression Method ☐   **Sep 2024 - Jan 2025**

This project was developed as a final undergraduate thesis, focusing on rainfall forecasting using an ensemble Support Vector Regression (SVR) method. The dataset was sourced from the Perak I Meteorological Station in Surabaya, comprising temperature, humidity, wind speed, and rainfall data.

Mover: Data-Driven Solutions for Climate Change   **Nov 2023 - Dec 2023**

Climate change threatens life due to human activities, such as fossil fuel combustion. Air pollution in Indonesia endangers the environment and public health. To support the Paris Agreement, the use of public transportation needs to be increased to reduce pollution and fuel consumption. This application aims to encourage this change for the sustainability of the environment and the well-being of society.

Web-Based Application System Warung Ijo Bu Nik Using Agile Method   **Oct 2022 - Dec 2022**

This project was created as part of the final assignment for the Software Project course. We developed a website information system to facilitate sales transactions at Warung Ijo Bu Muhyi, aiming to speed up the service process. This project uses the Agile methodology, involving a Product Owner, Scrum Master, and Developer team in the application development.

SKILLS

Soft Skills: Communications, Leadership, Time Management, Critical and Analytical Thinking, Teamwork, Project Management, Research

Hard Skills: Microsoft Office, Google Workspace, Data Science, Natural Language Processing (NLP), Web Development, Wordpress/CMS

Tools: HTML, CSS, PHP, MySQL, Bootstraps, Python, Scikit-Learn, Canva

CERTIFICATIONS

DATA SCIENCE FUNDAMENTALS (Credential ID: DQLABFREECLASS01QDSTAL) ☐ by **DQLab**	**Jul 2024**
Asean Data Science Explorers 2024 Enablement Session ☐ by **ASEAN Foundation**	**Apr 2024**
Belajar Dasar Manajemen Proyek (Credential ID: JMZVD9GYJZN9) ☐ by **Dicoding Indonesia**	**Dec 2023**
Belajar Machine Learning Untuk Pemula (Credential ID: MRZML0YNNXYQ) ☐ by **Dicoding Indonesia**	**Nov 2023**
Memulai Pemrograman dengan Python (Credential ID: N9ZO5J6GDPG5) ☐ by **Dicoding Indonesia**	**Oct 2023**
TOEFL Certificate of Achievement ☐ by **English Skill**	**Sep 2023**
Introduction to Networks ☐ by **Cisco CCNA & CCNP Training & Certification Exam Center**	**Dec 2021**