Richard Angelico Pudjohartono

0821-3680-2515| richardangelico16@gmail.com | angelalim88.github.io

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EDUCATION

Atma Jaya Yogyakarta University, Yogyakarta   August 2022 – Now

Bachelor of Informatics, Expected Graduation 2026

- Coursework: Software Development Project, Web Programming, Mobile Programming, Machine Learning, Deep Learning, Natural Language Processing (NLP), Cloud Computing, Database Programming
- GPA: 3.75

PROJECTS

- **HaloSatoshi-Chatbot:** A 24/7 AI-powered banking customer service chatbot that handle both general question and specific requests like mobile token replacement or error transfer reports. Using Retrieval Augmented Generation, Cosine Similarity, and Ollama API to ensure accurate and natural human like answer.
- **ReuseMart:** A second-hand marketplace platform built with React and Express, designed to facilitate buying, selling, and managing used goods while promoting sustainability through a structured ecosystem.
- **Atma Cinema:** Build with Flutter and Laravel, provide users with an easy way to browse movie schedules, book tickets, view movie details, and make payments for cinema visits, enhancing the overall movie-watching experience.
- **CNN-LSTM solar prediction:** Predict solar output using a hybrid CNN-LSTM model based on solar irradiance & weather data.
- **Betawi Multilabel Text Classification:** Performs multilabel text classification on Betawi dialect sentences to identify sentiments (positive, negative, neutral) across six categories (fuel, machine, others, part, price, service) on public opinion about vehicle.

WORK EXPERIENCE

Atma Jaya Yogyakarta University, Yogyakarta   August 2023 - Dec 2024

Statistics Assistant Lecture

- Taught Statistics over two semesters (Semester 3 and Semester 5), focusing on data analysis, frequency distributions, and graphical representation for undergraduate students.

Atma Jaya Yogyakarta University, Yogyakarta   Jan 2024 - Jun 2024

Discrete Math Assistant Lecture

- Supported the Discrete Mathematics course, emphasizing mathematical modeling, set theory, and combinatorics as foundational knowledge for AI applications.

Udemy, Remote   Jan 2023 - Present

Investment Banking Instructor

- Instructed 106 students in investment banking, covering stock market psychology, valuation techniques (LBO, DCF, relative valuation, asset-based), and investment strategies.

LEADERSHIP EXPERIENCE

APRES HIMAFORKA   August 2022 – Jun 2023

- Working on the work program of the informatics student association, academic (APRES) division. Such as community service, preparation of mid-semester exam tutorials, and the committee for various IFEST event series.

Head of Community Service HIMA Program   Oct 2022 – Nov 2023

- Coordinating event and develop fun way of learn programming to 4 and 5 grade student in Marsudirini Elementary School using Scratch.

ACHIEVEMENTS

OSC Medcom.id Awardee

- OSC Medcom ID Scholarship Award is a prestigious full-tuition scholarship by Medcom ID, covering 4 years of undergraduate studies, recognizing academic excellence and potential.

SKILLS

Programming: React, Express, Node.js, Flutter, Laravel, PHP, Python, C, Java, Selenium, GitHub, Postman
Certification: Javascript Programming (Meta), Advanced React (Meta), Back-End with Express (IBM), Investment Banking (Sucor)
Languages: Indonesian, English, Mandarin (Limited Proficiency)