ALIF ADHITYA RAMBANI

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SUMMARY

Fresh graduate in Informatics Engineering from PLN Institute of Technology Jakarta, with a strong interest in professional fields such as Data Analysis, Business Analysis, Data Science, Data Engineering, and Website Development. Actively engaged in both academic and extracurricular activities during university, consistently maintaining a GPA above 3.0. Supported by various certifications from Coursera, Microsoft, and Dicoding, alongside extensive experiences in campus committees, student organizations, and laboratory assistantships, including serving as a laboratory coordinator. I am a highly motivated learner with a strong eagerness to grow and the ability to leverage AI tools (such as Chatbots) to enhance both my learning process and professional work.

EDUCATION

Institut Teknologi PLN   **2021 - 2025**

Informatics Engineering | GPA : 3.78 / 4.00 7th Semester)

- Coordinator Assistant Laboratorium Information Retrieval
- Bangkit Batch #7 Machine Learning Path (Participant)
- Research and Education Bureau staff at the Informatics Engineering Student Association (BPH HIMAKA) for the 2023/2024 term

ORGANIZATIONS & VOLUNTEERS

Information Retrieval Laboratorium   **2024 - 2025**

Coordinator & Laboratorium Assistant

- Intership at the Information Retrieval Laboratory, focusing on web scraping and basic text preprocessing tasks to support research and data preparation.
- Leading and supervising all laboratory activities, including teaching assistance, software and hardware maintenance, and coordinating with course instructors
- Studying and preparing software for practicum activities in Database System, Mobile Programming, and SQL Programming, etc
- Conducting tutorial sessions to assist students in understanding materials presented by lecturers or lab assistants
- Planning annual workshop activities aimed at student participants within the campus.

BPH HIMAKA 2023/2024   **2023 - 2024**

Lead Organizer of the FTEN 2024 National Seminar

- Successfully responsible and executing events according to the agreed work program beforehand.
- Coordinating with 23 committees (coordinators and staff), academic staff (head of study program and faculty dean), and speakers from Microsoft and Telkom.
- Successfully inviting 70% of invited guests and attracting a total of approximately 400 participants, including students within and outside the campus.
- Collaborating with the faculty to align the 4-4-2 program (4 theories, 4 case study practicals, and 2 practitioner lecturers). This seminar supports the practitioner lecturer program.

UNIVERSITY PROJECTS

- **Final Project | Bangkit Academy (Batch 7)**
  Machine Learning Path
  Developed a Multilayer Perceptron (MLP) model to predict the nutritional status of infants, focusing on identifying stunting cases based on structured health data.
  Github : https://github.com/RyanRizaldy/StuntTrack
- **Final Project | Big Data (5th Semester)**
  EDA & Classification

Perform EDA (Exploratory Data Analysis) processes and the final step involves classification using linear regression. The dataset used is sourced from Kaggle, and the tools utilized include Jupyter Notebook, Python programming language, Pandas, Seaborn, Matplotlib, and NumPy.
Github : https://github.com/RnkFry/UAS-BigData

- **Final Project | Machine Learning (5th Semester)**
Creating a decision tree model for the final project of a machine learning course. The dataset is taken from Kaggle and aims to classify data based on airline passenger satisfaction.
Github :https://github.com/RnkFry/UAS-ML-Decision-Tree/blob/main/Airline%20Passanger%20Satisfaction%20-%20Decision%20Tree.ipynb

CERTIFICATION

- Microsft Certificated Fundamentals (AI-900) | 2025
- English Language Test (ELT) (B1/497)
- Microsoft Office Specialist | Microsoft Word 2019
- SQL Intermediate | Sololearn
- Data Analysis Fundamental | MySkill.id
- Belajar Analisis Data dengan Python | Dicoding
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning | Coursera
- Using Python to Interact with the Operating System | Coursera

ADDITIONAL

Programming Language	: Python, SQL, HTML5, CSS, Jvascript, PHP, Golang
Soft Skills	: Analytical, critical thinking, problem solving, leading, teamwork
Technical Skills	: EDA, ERD, data visualization, analyzing data, machine learning, basic neural networks
Software	: VSCode, XAMPP, MS Office (Word, Excel, Power Point, Visio), MS Access, drawio. Git
Language	: Indonesia (Native), English (Active)