

Muhammad Arrizky Adhita Azizi

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Tangerang, Indonesia

About

A final year student in computer science at President University, concentrating in Artificial Intelligence. Proactively building a strong foundation in cross-platform application, a machine learning solution, with hands-on experience in many tools and programming languages. Able to work both independently and as a supportive team member. Eagers to solve real-world problems and contribute to innovative technology projects.

Education

President University

B.Sc Computer Science

GPA 3.74/4.00

Cikarang, Indonesia

2023 - present

Related Course: Mining Massive Datasets, ML in Production, Deep RL, Generative AI, ML with graph, Computer Vision

SMA AI - Fityan School Tangerang

Best Academic Student Graduated

Tangerang, Indonesia

June 2023

3rd Winner at Math Research on LPB Banten UMN 2022

Experiences

PT Homy Delapan Indonesia

AI Developer Intern

Skills: Kotlin Multiplatform, Flask, LLM, Autogen

Tangerang, Indonesia

Sep 2025 - Dec 2025

Developed a kotlin multiplatform application for AI powered construction design helper leveraging large language model. The AI system developed is a compound of deployed finetuned small language model, deployed ranker model for retrieval, and additional geometry algorithms that enable the automation of 2D and 3D architectural layout generation.

PT Mattel Indonesia

AI in Manufacture Project

Skills: Pytorch, Hierarchical Segmentation

Cikarang, Indonesia

March 2025 - Aug 2025

Designed and developed a compound AI system for digital transformation of manufacturing systems in the packaging product inspection. The system achieves 97.2% accuracy and is able to inspect 3.3x faster than manual human inspection.

Organization

PUFA Computing President University

Member of Student Development and Competition

Cikarang, Indonesia

Sep 2023 - Sep 2024

Managed a preparation event program on helping faculty of computer science students in President University to compete in national and international competition.

Technical Projects

Machine Learning with Graph Course Final Project

Skills: Pytorch Geometric, Protein Language Model, Regression, Graph Neural Network

Trained and evaluated a Graph Attention Network based architecture model for predicting binding affinity of Antibody-Antigen prediction on protein data from ABRank benchmark. The implementation in this project is only using the hard-ag split and the model shows the competitive performance in the split with the state-of-the-art model.

Computer Vision Course Final Project

Skills: Pytorch, 3D Segmentation, AI in Healthcare, Computer Vision

Trained and deployed a U-NET based model for segment 3D CT images of human kidney on KITS23 challenge into 3 different classes Kidney, Tumor, and Cyst. The models achieved a dice score of over 0.80 in the evaluation.

Wireless and Mobile Programming Final Project

Skills: Flutter, LLM, Langchain, Flask

Built a cross-platform mobile health app in Flutter that integrates LangChain via REST APIs to provide AI-driven health recommendations and product Q&A, featuring doctor chat, e-prescription and drug purchase flows, appointment scheduling, and a personalized health-tracking dashboard.

Leadership & Activities

Social Support Program at Gema Insan Amanah Foundation

Cikarang, Indonesia

Project Manager

Jun 2024 - Jul 2024

Planned and coordinated a social support program for a local orphanage in partnership with Gema Insan Amanah Foundation, including agenda, logistics, and budgeting. Led and scheduled volunteers to deliver educational, recreational, and mentoring activities that improved engagement and wellbeing for the children. Collaborated with foundation staff to assess needs, secure in-kind donations, and document outcomes to inform recommendations for future community programs.

President University Big Data Challenge Competition Preparation

Cikarang, Indonesia

Project Manager

Feb 2024 - Jun 2024

Managed and organized a preparation for Big Data Challenge (BDC) from Satria Data competition held by Indonesia Ministry of Education and Culture (Kemdikbud) that was participated by students from President University Faculty of Computer Science.

Others

Certification: Microsoft AI Product Manager, Microsoft AI & ML Engineering, AWS Cloud Solution Architect, Neo4j Professional Certificate, Neo4j Graph Data Science Certificate

Languages: English, Bahasa Indonesia