

Andi Muhammad Alvin Farhansyah

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Passionate tech enthusiast, driven by the passion of innovating and solving real world problems and creating solutions.

Educational Background

Universitas Indonesia

2nd year Student majoring in Computer Engineering at University of Indonesia with an average GPA of 3.85

SMAN 82 Jakarta

High School Degree in Natural Science with an average score of 92.86 and the first ranked Natural Science student in school.

Skills & Proficiencies

- Strong leadership and problem-solving skills
- Effective team player with good communication abilities
- Proven academic proficiency with a strong track record
- Basic understanding of full-stack web development:
 - Frontend: React, JavaScript, Tailwind CSS
 - Backend: PostgreSQL
- Foundational knowledge of Python, C, C++, C#, and Java programming language. Additional knowledge on XML and CMake
- Experience with using ROS2 (Robot Operating System) and the PX4 Firmware on Autonomous Drone Development

Volunteer Work & Certification

Tim Robotika Universitas Indonesia

Universitas Indonesia

A member of the University's Robotics Team. AUAV (Aerial Unmanned Autonomous Vehicle) member. VTOL division Vice Deputy In Charge of Programming with experience on App Development and Drone Actuator Control specializing in website development and Robot Operating System (ROS2) implementing it using PX4 Firmware on the Jetson Xavier Development Board.

Finalist in KRTI (Kompetisi Robot Terbang Indonesia) 2024

Member of the AUAV team that secured a finalist position in KRTI 2024, a prestigious national UAV competition held in Jogjakarta, showcasing expertise in UAV development, teamwork, and innovative problem-solving.

English Proficiency Test

Universitas Indonesia

Achieved a score of 637 in the University of Indonesia EPT (English Proficiency Test) that is comparable to TOEFL scores

Technoskill Arduino Robotics Competiton

Department of Electrical Engineering

Achieved 3rd Place At The Arduino Robotical Arm Competition held by IME FTUI