

FAWWAZ AZHIMA PUTRA

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Semarang, Central Java, Indonesia

Driven Data Science enthusiast with a proven track record in national-level research. I prioritize professional excellence through clear communication, time discipline, and accountability. I am a collaborative team player dedicated to leveraging AI for real-world impact while maintaining a proactive and highly organized work ethic.

Work Experiences

PT Telekomunikasi Indonesia - **Semarang, Indonesia** Jun 2026 - Sep 2026

Account Manager Support Intern

Telkom Indonesia is the largest digital telecommunications company in Indonesia, delivering integrated digital connectivity, platforms, and enterprise solutions. During my internship, I contributed to contract data management, data analysis, and internal system development to improve operational efficiency and support data-driven business processes.

- Managed and analyzed Telkom client contract data to ensure accuracy, consistency, and operational efficiency.
- Developed internal applications and automation tools to streamline business processes and improve employee productivity.
- Generated data-driven insights and reports to support contract management and business decision-making.
- Developing an automated system to enhance efficiency in the client document bookkeeping process.

PT Farelindo Makmur Jaya - **Semarang, Indonesia** Sep 2026 - Present

IT / Web Development Engineer Intern

A premium real estate developer managing Grandia Group in Semarang, Indonesia, specializing in smart home ecosystems and eco-friendly residential projects.

- Development & Maintenance: Assisted in developing, testing, and troubleshooting the corporate website and digital platforms.
- Database & Integration: Managed database, technical documentation, and system integrations with internal and external parties.
- Cross-Functional IT Support: Provided technical and engineering support for marketing, public relations, and corporate events.

Education Level

Universitas Dian Nuswantoro - **Semarang, Indonesia** Aug 2023 - Mar 2027 (Expected)

Bachelor of Informatics Engineering, 3.62/4.00

SMAN 1 Semarang - **Semarang, Indonesia** Jul 2020 - May 2023

Senior High School, Mathematics and Natural Sciences Major, 88.24/100.00

Organisational Experience

Research Center for Quantum Computing and Materials Informatics (QCMATICS) - **Universitas Dian Nuswantoro** Jan 2024 - Present

Research Division

A multidisciplinary research center focused on advancing quantum computing and material science through the integration of AI, IT, and data-driven optimization.

- Conducting data-driven research by integrating AI and quantum computing to optimize material development and discovery.
- Collaborating on multidisciplinary research to advance materials informatics through the integration of AI and information technology.
- Developing AI-driven approaches for materials informatics and quantum computing research within a collaborative lab environment.

Community Service Program - **SMKN 9 Semarang** Dec 2025

Teaching Assistant

Assisted in teaching basic Artificial Intelligence and practical machine learning applications to non-IT teachers at SMKN 9 Semarang.

- Collaborated with QCMATICS Laboratory lecturers to facilitate a specialized AI workshop for educators at SMKN 9 Semarang.
- Mentored non-IT teachers in building and testing image classification models using Google Teachable Machine.
- Demonstrated how AI tools can be integrated into diverse educational subjects, highlighting their potential in traditional arts learning.

Internet Literacy Webinar - **SMPN 9 Semarang** Nov 2023

Committee Member

Organized a digital literacy webinar to educate junior high students on safe and responsible internet usage.

- Planned and coordinated a digital literacy webinar focused on safe and responsible internet usage for students at SMPN 9 Semarang.
- Managed event logistics and moderated the session to ensure a smooth and engaging learning experience.
- Collaborated with the team to develop educational materials tailored for junior high school students.

Skills, Achievements & Other Experience

- **Soft Skills**: Time Discipline, Responsibility, Adaptability, Team Work, Problem Solving.
- **Hard Skills**: Python, SQL, Microsoft Office Suite, Google Workspace, Canva.
- **Research Publication**: Third author of the research paper titled "Application of Artificial Neural Network (MLP) for Multivariate Analysis of Stunting Causes in Indonesia". DOI: 10.30871/jaic.v9i4.10205
- **Research Publication**: First author of the research paper titled "Impact of Architectural Depth in Autoencoders for Predicting ABX3 Perovskite Formation Energy", currently submitted and under review.
- **1st Place Winner - FS2T Research and Innovation Challenge (FRIC)** (2025): Awarded first place for developing an AI-driven fraud and money laundering detection framework.
- **Best Poster Award - FS2T Research and Innovation Challenge (FRIC)** (2025): Awarded for excellence in the visual communication and presentation of an AI-driven fraud detection framework.
- **Best Paper Award - FS2T Research and Innovation Challenge (FRIC)** (2025): Recognized for developing an innovative AI-driven framework for fraud and money laundering detection to secure the digital economy.
- **Best Paper Award - KATALIS Scientific Writing Competition** (2025): Awarded Best Paper for developing an AI-driven digital innovation to predict stunting risks in toddlers for sustainable health development.
- **Gold Medal - National Empowerment, Innovation, Research, and Art (NEIRA)** (2026): Awarded Gold Medal for an AI-driven business innovation converting CO2 into green methanol.
- **Favorite Paper - National Empowerment, Innovation, Research, and Art (NEIRA)** (2026): Recognized as Favorite Paper for an AI-driven CO2-to-green-methanol business innovation.
- **Most Outstanding Student Nominee - FIK Awards** (2025): Nominated for demonstrating excellence in academic achievements, AI-driven research, and impactful community engagement.
- **Participant - Venture Ignite UDINUS** (2026): Developed a business concept for professional creative services specializing in custom Roblox character design.