MUHAMMAD HABIB NUR AIMAN

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Gresik, Indonesia

UNESA Data Science student focusing on AI and Computer Vision. Experienced as a finalist in national competitions (GEMASTIK & DIMAS- TI) with a strong portfolio in integrating Machine Learning into web applications. Actively leads communities (SaDaCom & Google Student Ambassador) and is proficient in using Python, TensorFlow, and React.js to solve real-world problems through applied AI technology.

Experience

Pijak in collaboration with IBM SkillsBuild - **Bandung, Indonesian**   Jan 2026 - Present

AI Engineer Cohort

- Developing applied artificial intelligence competencies and enterprise-level problem solving in selected intensive groups

SaDaCom (Sains Data Community) - **Surabaya, Indonesian**   Oct 2025 - Present

Community Builder

- Developing an AI/ML community in the Data Science study program at UNESA and creating an official community platform using React and Supabase.

Google - **Jakarta, Indoensian**   Sep 2025 - Jan 2026

Google Student Ambassador

- Leading the student community to adopt Google Gemini technology through workshops and events

HMP Sains Data UNESA - **Surabaya, Indonesian**   Feb 2025 - Jan 2026

Religious Division Staff

- Managing internal engagement and organizing community activities for student associations.

ACTION 2025 Committee (UNESA) - **Surabaya, Indonesian**   Sep 2025 - Nov 2025

Dataset Division Staff

- Curated and validated datasets for Machine Learning, UI/UX, and Infographic competitions to ensure data integrity for participants.

Education Level

Universitas Negeri Surabaya - **Surabaya**   Jun 2024 - Jun 2028 (Expected)

Bachelor of Data Science, 3.80/4.00

- Finalist, GEMASTIK XVIII 2025 – Data Mining Division (Kemendikbud Ristek).
- 3rd Place, National Student Exhibition DIMAS-TI 2025 – Data Mining (AMLI).
- 2nd Runner Up, INTERGALACTIC Competition 2025 – Food Security AI Solution.
- Top 6, DISCO Data Mining Competition (Universitas Trunojoyo Madura).

Project

RekrutPintar.id - AI-Powered Recruitment & Screening Platform   Feb 2026

- web-based recruitment platform designed to streamline the hiring process by moving beyond traditional CV screening

Kemensos Sentiment Dashboard   Jan 2026

- Interactive dashboard analyzing public opinion trends on Ministry of Social Affairs using Python & Pandas

Aksara Jawa Classifier (Image Classification with Deep Learning)   Jan 2026

- Fine-tuned ResNet18 model for Javanese script classification deployed on-browser via ONNX Runtime Web.

SafeSite AI — PPE Compliance Detection   Jan 2026

- Real-time browser-based helmet/vest detection using YOLOv12 & ONNX Runtim

Garuda Sentiment Analysis   Dec 2025

- Comparative study of LLM (Gemini) vs Lexicon (InSet) for Indonesian sarcasm detection.

RiceGuard AI — Instant Detection of Rice Leaf Diseases   Dec 2025

- Rice leaf disease classification web app (97.5% accuracy) using TensorFlow & React.js.

Sains Data Community (SaDaCom) Official Web Platform   Nov 2025 - Dec 2025

- Community website with gamification features built with React, Tailwind CSS, and Supabase

TikTok Comment Scraper Dashboard   Dec 2025
- TikTok comment scraper and analytics dashboard for engagement insights using Apify & React.

YouTube Comment Scraper   Dec 2025
- YouTube comment scraping tool with CSV export functionality using YouTube Data API v3.

Skills, Achievements & Other Experience

- **Achievements** (2025): Has a track record of winning in national AI and Data Mining events (3rd Place DIMAS-TI, 2nd Runner Up INTERGALACTIC, Finalist GEMASTIK, Top 6 DISCO, 1st Best Presenter PROCOMMIT).
- **Hard Skills** (2025): Python, SQL, JavaScript (React.js, Next.js, Node.js), C++, TensorFlow, Keras, PyTorch, Scikit-Learn, YOLO, OpenCV, LLM (Gemini), NLP, Pandas, NumPy, Matplotlib, Data Mining, Web Scraping, ONNX Runtime, Streamlit, Tailwind CSS, Supabase, Apify, Git/GitHub.
- **Soft Skills** (2025): Project Management, Community Building, Leadership, Critical Thinking.
- **Certifications Google** (2025): Gemini Certified University Student
- **IBM** (2025): Artificial Intelligence Fundamentals; Career Management Essentials
- **Dicoding Indonesia** (2026): Building Advanced Deep Learning Projects; Fundamental Deep Learning; Machine Learning for Beginners; Data Analysis with Python; Prompt Engineering for Software Developers; Career & Productivity Acceleration with Gemini; Basic Data Science & AI Fundamentals; Basic Structured Query Language (SQL); Basic Project Management; Python Programming Fundamentals.