



**Fatoni Murfid  
Syaafii**  
Sophomore of Computer Science  
at Brawijaya University

☎ 085235428131  
✉ fatonimurfids@gmail.com  
📧 tonimurfid.xyz  
📍 Kota Malang, Jawa Timur

SUMMARY

I am an AI/ML Engineer specializing in the development and implementation of creative artificial intelligence systems. Currently a 20-year-old Computer Science student at Brawijaya University, I am dedicated to delivering innovative, real-world AI solutions. My expertise spans areas such as Computer Vision, Large Language Models, and AI agent development. I continuously refine my programming skills, foster effective teamwork, and integrate theoretical research with practical system implementation in the AI domain.

EXPERIENCE

- Computer Vision Engineer**02/2025 - Present  
Vehicle Detection System
  - Designing and Implementing an Automated License Plate Detection System to Enhance Campus Security and Traffic Management
  - Fine-tuning a Deep Learning Model for Optical Character Recognition (OCR) to Accurately Extract and Process License Plate Information
- Vice Head of Data Science Department**12/2024 - Present  
Basic Computing Community (BCC) ↗
  - Assist the department head in managing the data science team, including delegating tasks to team members based on their expertise.
  - Guide team members in developing technical and non-technical skills to support the department's objectives.
- AI Researcher in Intelligent System Laboratory**09/2024 - Present  
Fakultas Ilmu Komputer (FILKOM)
  - Conduct research focused on synthetic medical data generation using generative AI techniques.
  - Explore innovative solutions to improve data quality and availability in medical fields through advanced AI models.
  - I frequently compete in Computer Vision challenges, specializing in CNN development for object detection, image classification, and OCR.
- Machine Learning Researcher - CBR 2**09/2024 - 02/2025  
SOI Asia ↗
  - Developed machine learning models for a Network Intrusion Detection System to enhance cybersecurity measures.
  - Conducted experiments to explore the application of machine learning techniques and optimization in cybersecurity.
- Vice Project Officer of Data Science Mini Bootcamp 2024**07/2024 - 10/2024  
Basic Computing Community (BCC) ↗
  - Assist the project leader in managing and coordinating divisional teams to ensure the smooth execution of the event.
  - Act as a mentor, guiding participants through hands-on activities and providing insights into data science practices.
- Creative Media Division**05/2024 - 12/2024  
Basic Computing Community (BCC) ↗
  - Managed and developed promotional and branding content for BCC to enhance visibility and engagement.
  - Collaborated with the team to produce content consistent with BCC's identity and objectives.
- Data Scientist**03/2024 - 12/2024  
Basic Computing Community (BCC) ↗
  - Collaborated in the Data Science Division, working closely with team members to improve our collective skills and share knowledge with the broader community.

- My focus is on developing machine learning skills through active participation in competitions and hands-on projects.

## EDUCATION

<b>Computer Science</b> Brawijaya University - S1	08/2023 - Present
<b>Science</b> SMA Negeri 2 Kota Madiun	08/2021 - 05/2023

## SKILLS

Computer Vision	Intermediate	Python	Intermediate
Deep Learning	Intermediate	Leadership	Intermediate
PyTorch	Intermediate	Problem Solving	Advanced
Machine Learning	Advanced	Critical Thinking	Advanced
Java	Intermediate	Team Work	Advanced

## PROJECTS

<b>AI Engineer</b> Krowten AI ↗	01/2025 - 01/2025
<ul style="list-style-type: none"><li>• Created a chatbot to address questions on networking and security concepts from academic materials.</li><li>• Designed to support learning at the Faculty of Computer Science, Brawijaya University.</li></ul>	
<b>AI Engineer</b> Career Path AI	10/2024 - 12/2024
<ul style="list-style-type: none"><li>• Developed an AI system to recommend jobs based on a CV, aligned with market opportunities.</li><li>• Added a scoring feature to evaluate the CV by comparing it within the same field.</li></ul>	
<b>ML Engineer</b> Sentiment Analysis Tweet Election 2024 ↗	03/2024 - 05/2024
<ul style="list-style-type: none"><li>• Developed a machine learning model to predict tweet sentiment on the 2024 General Election in Indonesia.</li><li>• Focused on analyzing public opinion through sentiment classification of election-related tweets.</li></ul>	

## AWARDS

<b>Data Mining Finalist - GEMASTIK XVII 2024</b> Pusat Prestasi Nasional (PUSPRESNAS) Creating Research of "Otomatisasi Deteksi Jalan Berlubang Menggunakan Model YOLOv8 dengan Optimalisasi Domain Adaptation" for preliminary session	09/2024
<b>Olympiad Finalist of Cyber Security and IoT ARA ITS 2022</b> A Renewal Agent, Institut Teknologi Sepuluh Nopember	04/2022
<b>3rd Place Winner of Photography Competition.</b> PIK-R Madiun	04/2021