

Omar Alistwani

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Professional Summary

Motivated final-year college student majoring in Information Technology Engineering with a specialization in Artificial Intelligence. Strong skills in Python, Machine Learning, Data Analysis, and Deep Learning. Proven ability to develop AI models and build data-driven applications. Seeking internship or entry-level opportunities in the AI and technology industry.

Education

Bachelor of Information Technology Engineering (AI Specialization) — AIU

Damascus, Syria | Expected Graduation: March 2027

Skills

Skills

- AI/ML Tools: TensorFlow, PyTorch, Scikit-Learn
- Data Handling: SQL, Pandas, NumPy
- Programming & Development: C/C++, Python, Java, JavaScript, HTML, CSS, React
- IoT & Hardware: Arduino, Raspberry Pi, Sensor Integration, Circuit Design
- Tools & Platforms: Git/GitHub, RESTful APIs, OpenCV, TensorFlow
- Other Skills: Responsive Web Design, Problem-Solving, Team Collaboration
- Soft Skills: Teamwork, Communication, Leadership

Projects

Emergency Response System (Junior Project)

- AI & IoT-based system for real-time fall detection and health monitoring.
- Implemented CNN-based fall detection using camera input.
- Used SVM to analyze smartwatch sensor data (HR, SpO2, blood pressure, stress).
- Sends alerts to mobile app and emergency contacts.

ERP System for Printing House (In Development)

- Full-stack ERP system with modules: Offset, Roll, Cut, Montage, Delivery.
- Features: order management, advanced search, production tracking, inter-section delivery tracking.
- Frontend: React.js | Backend: Laravel | Database: SQL Server (SSMS).

AI Voice Assistant (Personal Project)

- Built a local AI voice assistant using Gemma 3 4B via Ollama.
- Supports voice commands to open apps and automate development setup.
- Focused on offline performance and low latency.

Automated Agricultural Pest Control Robot (In Development)

- AI-powered robot for pest detection and management using Raspberry Pi and computer vision.
- Implementing object detection with OpenCV and TensorFlow for targeted pesticide spraying.
- Integrated motor control and sensors for autonomous navigation.

E-Commerce Website Front-End

- Built responsive e-commerce UI using React, HTML, CSS.
- Improved performance and integrated REST APIs.

Experience

INTERN — EARTech Information Technology

Remote | July 2025 – Present

- Built web apps using Azure.
- Learned cybersecurity basics.
- Designed UI/UX with Figma.

Certifications

- AI, Cloud & Cybersecurity — EARTech (2025)
- English Certification — EF SET (2025)