

Fares Aldeeb

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EDUCATION:

Bachelor of Science in Artificial Intelligence | Jun 2027 (Expected)

University of Prince Mugrin – Madinah, Saudi Arabia

Relevant Coursework: Machine Learning, Data Mining, Computer Vision, Deep Learning.

TECHNICAL SKILLS:

- Programming: Python, TypeScript, Java, SQL.
- Data Analysis & Visualization: Pandas, NumPy, Matplotlib, scikit-learn.
- AI & Machine Learning: Supervised/Unsupervised Learning, Neural Networks, RAG.
- Computer Vision: YOLO, OpenCV, ByteTrack, Object Detection, Multi-Object Tracking.
- App & Backend: React Native, Expo, Supabase, PostgreSQL, REST APIs, Authentication, RLS.
- Tools & Platforms: Jupyter Notebook, Git, GitHub, Roboflow.
- Core Skills: Source Verification, Arabic-English Writing, Technical Documentation.

TECHNICAL PROJECTS:

Littering Detection System

- Fine-tuned YOLO11m for person and trash detection, achieving 0.86 mAP@50.
- Combined ByteTrack and temporal rules to flag likely littering events.
- Generated annotated videos and evidence screenshots for flagged littering events.

Daleel - AI-Powered Hajj and Umrah Assistant

- Developed bilingual, source-backed content for an AI knowledge base.
- Structured and validated Arabic-English guidance for source-grounded retrieval and AI responses.

UK Road Collision Severity Prediction

- Built a classification pipeline for UK road collision severity using 104K+ records.
- Compared Logistic Regression, Decision Tree, Random Forest, and Gradient Boosting.
- Handled class imbalance using class weighting, oversampling, undersampling, and SMOTE.

PROFESSIONAL EXPERIENCE:

Artificial Intelligence Intern | Jul 2026 – Sep 2026

PalmX (Daleel Project) - Jeddah, Saudi Arabia

- Developed bilingual, source-backed content for Daleel, an AI-powered Hajj and Umrah assistant.
- Prepared RAG-ready Arabic-English knowledge entries and verified guidance using official sources.

Artificial Intelligence Specialist | Jul 2025 – Jan 2026

Haitham Farooq Darwish Aldeeb Recruitment Company – Madinah, Saudi Arabia

- Developed Aldeeb Platform's customer app and staff workflows with React Native and Expo.
- Built service requests and order tracking; prepared Supabase APIs and database access policies.

CERTIFICATIONS:

- PCAP – Programming Essentials in Python | Cisco Networking Academy.
- Fundamentals of Artificial Intelligence | SDAIA National Program.
- Ethics of Artificial Intelligence | Focus on fairness, transparency, and responsible AI.

LANGUAGES:

- Arabic: Native Proficiency.
- English: Full Professional Proficiency.