

✉ khalidaldoh1@gmail.com ☎ 966570586050 📍 Riyadh, Saudi Arabia 👤 Khalid Al-Aldouh 🌐 github.com/khalidaldoh

Artificial Intelligence graduate from Imam Abdulrahman bin Faisal University (GPA: 4.56/5.0) with hands-on exposure to data analytics, AI, and software development through cooperative training within a Data & AI team. Skilled in Python, SQL, machine learning, Generative AI, backend development, and cloud technologies. Contributed to enterprise solutions involving data analysis, automation, business intelligence, and digital platforms. Interested in applying AI and emerging technologies to digital transformation, innovation, and data-driven solutions.

Data & AI Engineering Intern, Technology Control Company (TCC) – Data Analytics & AI Department	06/2026 – 09/2026 Riyadh, Saudi Arabia
- Contributed to enterprise Data & AI solutions spanning machine learning, business intelligence, AI agents, backend development, and cloud technologies. - Prepared and analyzed structured data and trained, tuned, and evaluated classification models, improving accuracy from a 75.28% baseline to 95.55%. - Enhanced AI-powered business intelligence workflows and developed backend integrations using Python and FastAPI. - Completed 10+ high-priority development tasks, helping accelerate delayed development work and deliver planned features. - Represented TCC as an exhibitor at LEAP, engaging with visitors and showcasing the company's technologies and solutions.	

Bachelor's Degree – Artificial Intelligence, Imam Abdulrahman bin Faisal University 08/2021 – 08/2026

Dammam, Saudi Arabia

- GPA: 4.56 / 5.0
- Relevant Coursework: Machine Learning, Data Science & Analytics, Deep Learning, Software Engineering, Database Concepts & Design, Communication & Network Fundamentals, IT Infrastructure Management

Data Science & Artificial Intelligence Bootcamp, Tuwaiq Academy • Intensive training in Python, Machine Learning, Deep Learning, and Computer Vision edge deployment.	07/2025 – 09/2025 Riyadh, Saudi Arabia
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Intithal – AI-Powered Enterprise Compliance Platform, 10/2025 – 03/2026
Graduation project, Imam Abdulrahman Bin Faisal University

- Developed an enterprise AI-powered compliance platform addressing the time-intensive process of regulatory auditing across 5+ Saudi frameworks, including SAMA, PDPL, ECC, and CCC.
- Applied RAG and agentic AI to automate regulatory document analysis, reducing estimated manual auditing time by 80%.
- Developed a secure, scalable backend using FastAPI and PostgreSQL, supporting bilingual Arabic and English compliance reports in under 3 minutes.

ClassSight – AI-Powered Classroom Monitoring & Management System, <i>Capstone Project, Tuwaiq Academy</i> • Built an end-to-end computer vision and RAG platform using YOLOv11 and Raspberry Pi 5 for real-time tracking and automated reporting. • Achieved 92% accuracy in engagement and attendance tracking across groups of 30+ individuals.	08/2025 – 09/2025
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- **Data & Analytics:** Python, SQL, PostgreSQL, Pandas, NumPy, EDA, Data Cleaning & Preprocessing, Feature Engineering, Data Visualization
- **AI & Machine Learning:** Scikit-learn, PyTorch, TensorFlow, Generative AI, RAG, Agentic AI, Prompt Engineering
- **Backend & Systems:** FastAPI, REST APIs, SQLAlchemy, Redis, RabbitMQ
- **Cloud & DevOps:** AWS (EC2, RDS, S3, ElastiCache, CloudWatch), Docker, Git, Bitbucket, GitHub Actions
- **Professional Competencies:** Strategic Thinking, Cross-Functional Collaboration, Technical Communication, Applied Problem-Solving

- Developing Generative AI Solutions - SDAIA (Apr 2026)
- Deep Learning Specialization – DeepLearning.AI (In Progress)
- Machine Learning Specialization – DeepLearning.AI (Jun 2025)
- Python for Data Analysis: Pandas & NumPy - Coursera (Jul 2025)

Arabic — Native/Bilingual English — Fluent