

Ahmed Saleh Ahmed Akhtarulzaman

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Summary

Data Scientist with a strong software engineering foundation and hands-on experience building end-to-end AI systems through projects and internships, and a strong interest in developing practical, real-world AI solutions.

Education

Bachelor of Science in Computer Science

Jan 2020 - May 2025

King Abdulaziz University

GPA: 4.98 / 5.00 (First Honors)

Artificial Intelligence Summer School

Jun 2025 – Aug 2025

KAUST Academy, King Abdullah University of Science and Technology (KAUST)

Completed 320 hours of intensive training in Computer Vision, Reinforcement Learning, and Natural Language Processing.

Experience

Software Engineer

Sep 2024 – Present

Usable Systems Lab, King Abdulaziz University

- Building Amakin, a B2B, API-first platform providing REST APIs and SDKs for company integrations.
- Working end to end across backend services, API design, and supporting frontend components.

Artificial Intelligence Intern

Jun 2024 – Aug 2024

AIADS Center, King Abdulaziz University

- Built a CNN–LSTM model for car behavior classification using dashcam video data, including data preprocessing and model evaluation.

Projects

MythBuster — Automated Fact-Checking for Arabic Videos

- Built an end-to-end AI system to verify claims in Arabic diabetes-related videos, from video URL input to evidence-based verdicts.
- Implemented a pipeline including speech-to-text, claim extraction, and retrieval-augmented verification using large language models.

AI Model Deployment & Hosting Platform

- Developed a web platform allowing developers to upload, deploy, and interact with AI models online.
- Implemented Docker-based containerized execution to isolate models and manage dependencies across deployments.

Technologies

Python, FastAPI, React, Docker, PostgreSQL, PyTorch, REST APIs, Git, RAG, Java

Programs & Participations

- **KAUST Academy AI Summer School 2025 — Finalist**
Advanced through a competitive, multi-stage national program, progressing from a large initial cohort to a final group of 300 top-performing students based on theoretical and practical performance.
- **MENA ML Winter School 2026 (KAUST) — Selected participant**
Selected among 300 participants from 2,222 applicants in the MENA region through an application process.

Certificates

AI Track Certificate (KAU) | IBM Back-End Dev Professional Certificate | Data Science & ML — Microsoft Student Club

Languages

Arabic (Native), English (Professional)