

ANAS ELRAHMANI

Computer Science Student · AI & Machine Learning · Qatar University '27

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PROFESSIONAL SUMMARY

Computer Science student at Qatar University (expected 2027) with hands-on AI research experience fine-tuning and benchmarking multimodal large language models using PyTorch and HuggingFace. Built an LSTM-based fake news detector achieving 98.75% accuracy on 40,000+ articles. AWS AI Practitioner certified with practical experience in generative AI and deploying ML solutions on AWS. Seeking an AI/ML engineering internship to contribute to real-world model development and deployment pipelines.

EXPERIENCE

Amazon Web Services · Udacity · AWS AI Practitioner Challenge

April 2026

- Completed intensive AI/ML program covering core AI concepts, generative AI, prompt engineering, responsible AI, and deploying ML solutions on AWS.
- Built hands-on generative AI applications using AWS PartyRock (Amazon Bedrock), exploring prompt chaining and multi-model outputs.
- Earned AWS AI Practitioner certification demonstrating proficiency in cloud-based AI/ML services and best practices.

Hamad Bin Khalifa University · AI Research Intern — Vision-Language Models

Summer 2025

- Fine-tuned and evaluated multimodal LLMs (DeepSeek-VL, Qwen2-VL) on large-scale vision-language benchmarks to improve image understanding and prompt comprehension.
- Optimized training pipelines and preprocessing workflows, achieving 15% improvement in model accuracy and 30% faster inference speed.
- Conducted systematic benchmarking using established VQA and image-captioning evaluation protocols.

Samsung Innovation Campus · AI Developer

2023 – 2024

- Designed and trained an LSTM-based fake news classifier, achieving **98.75% accuracy**.
- Preprocessed a corpus of 40,000+ articles (116+ MB) using text encoding and tokenization techniques to prepare high-quality training data.
- Iteratively fine-tuned model hyperparameters and architecture to improve generalization across unseen news samples.

Qatar University · Course Project — Web Development

Spring 2024

- Designed and implemented a full-stack web application for managing students, instructors, and courses.
- Phase 1: Built login, course search, registration, and grading features using HTML, CSS, and JavaScript with JSON-based storage.
- Phase 2: Migrated to a relational database with Prisma and Next.js, added REST APIs and a statistics dashboard with advanced SQL queries.

EDUCATION

Bachelor of Science — Computer Science

Expected 2027

Qatar University · Doha, Qatar

TECHNICAL SKILLS

Languages	Python, JavaScript, Java, SQL, HTML, CSS, MATLAB
AI / ML	Deep Learning, Large Language Models, LLM Fine-tuning, LSTM, Vision-Language Models, Computer Vision, MLOps
Libraries	PyTorch, TensorFlow, HuggingFace, Scikit-learn, pandas, NumPy
Frameworks	Next.js, React, Prisma ORM, Node.js
Cloud	AWS (AI Practitioner Certified), Amazon Bedrock, PartyRock
Tools	Git, GitHub, VS Code, Jupyter Notebook, Docker

LANGUAGES

Arabic — Native English — Full professional proficiency