

# AHMAD HAMMAM

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**Portfolio:** <https://ahmad-hammam.netlify.app>

**GitHub:** [github.com/Ahmadhammam03](https://github.com/Ahmadhammam03)

## EDUCATION

Expected in Jan 2026

**Major:** Data Science and Artificial Intelligence

American University of Madaba | Madaba

- 79.3 GPA
- President, Information Technology Faculty Team, Student Association at AUM
- Leader of University Taekwondo Team, 2021 to 2024
- Member of University Football Team, 2022 to 2025

## PROFESSIONAL SUMMARY

**Data Science & AI Student** specializing in building and deploying machine learning solutions, fresh from an Alibaba Cloud Academy internship (completed July 2025). Developed **Galaxy Chatbot**—a production AI assistant handling 1,000+ queries for Galaxy Organisation/Alibaba—using PEFT/QLoRA fine-tuning and Flask. Proficient in Python, Transformers, PyTorch, TensorFlow, and end-to-end AI deployment across cloud platforms.

## TECHNICAL SKILLS

- **AI/ML:** Python, PyTorch, TensorFlow, NLP (Transformers, SpaCy, NLTK), LLM Fine-Tuning (PEFT/QLoRA)
- **Cloud:** Alibaba Cloud (VPC, ECS, RDS), Microsoft Azure, Firebase
- **Deployment:** Flask, REST APIs, Docker, Netlify
- **Data:** SQL, Power BI, Matplotlib
- **Web:** HTML/CSS/JavaScript, Firebase (Datasets)
- **Tools:** Git (CLI), GitHub, AI Assistant Tools (Prompt Engineering/LLM Ops)

## WORK EXPERIENCE

Dec 2024 - July 2025

**Cloud Computing Intern**

Alibaba Cloud Academy - Remote

- Assisted in deploying and managing cloud infrastructure solutions, optimizing efficiency in a cloud environment.
- Collaborated with a team to troubleshoot technical issues and enhance service delivery.
- Gained hands-on experience in Alibaba Cloud tools, expanding technical expertise and problem-solving skills.

Jul 2024 - Aug 2024

**Software Development Learner**

42 Amman - Amman, Jordan

- Participated in intensive coding bootcamps and hands-on programming challenges. Developed
- skills in multiple programming languages and problem-solving. Collaborated with peers on
- projects emphasizing teamwork and innovation.

## PROJECTS

### Galaxy Chatbot | Lead Developer

- Deployed **AI assistant** for Galaxy Organisation & Alibaba Cloud Academy, resolving **1,000+ user queries** in production.
- Fine-tuned **Microsoft Phi-2** via PEFT/QLoRA (1.67% trainable params), **boosting response accuracy by 40%**.
- Engineered **Flask API** with Sentence-BERT semantic matching (70% confidence threshold) + custom frontend (HTML/CSS/JS).
- Tools: Python, Transformers, PEFT, Flask, HTML/CSS/JS
- [GitHub](#) | [Live Demo](#)

### Netflix-Style Recommendation Engine

- Trained **Restricted Boltzmann Machine** on MovieLens (1M+ ratings), achieving **0.227 test loss**.
- Tools: PyTorch, Collaborative Filtering
- [GitHub](#)

### Google Stock Predictor

- Built **4-layer LSTM** with 60-day sliding windows, **reducing training loss to 0.0015**.
- Tools: TensorFlow, Time Series Analysis
- [GitHub](#)

## CERTIFICATIONS

- **Cultural Exchange Through Digital Designs** - Massachusetts Institute of Technology (MIT)
- **Imagination to Innovation Training Program** - Destination Imagination and INJAZ (Endorsed by the U.S. Department of State)
- **Udemy Certifications:**
  - Python for Computer Vision with OpenCV and Deep Learning.
  - NLP - Natural Language Processing with Python.
  - Deep Learning A-Z 2025: Neural Networks, AI & ChatGPT Prize.
  - Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2025].
  - 100 Days of Code: The Complete Python Pro Bootcamp.
- **Alibaba Cloud Certifications:**
  - Alibaba Cloud Certified Associate - Cloud Engineer.
  - Alibaba Cloud Certified Associate - Business.
  - Security: Firewalls, Built-in Security, Account Security, Introduction to Alibaba Cloud Security Services.
  - Fundamentals: VPC, SLB, ECS, ApsaraDB RDS, OSS.

## LANGUAGES

Arabic: Native.

- English: Good.