JAMIL ABU-ALJALOUD

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OBJECTIVE

AI & Data Science Engineer with hands-on RLHF model training experience at MenaDevs. Proficient in ML, DL, NLP, RAG systems, and end-to-end data pipelines. Passionate about intelligent systems, big data (PySpark, Hadoop), and building AI-powered search and IoT-enabled solutions.

EDUCATION

BSc in Artificial Intelligence & Data Science

Tafila Technical University | Tafila, Jordan   Aug 2020 – Aug 2024

EXPERIENCE

AI RLHF Engineer

MenaDevs | Amman, Jordan   Oct 2024 - Present

- Collaborate with AI research and engineering teams to enhance large language models using **Reinforcement Learning from Human Feedback (RLHF)**.
- Fine-tune and evaluate model responses, focusing on improving accuracy, relevance, and alignment with user intent—especially in **code generation and problem-solving** tasks.
- Conduct detailed comparisons and ranking of model outputs to guide reward modeling and training cycles.
- Work with tools and frameworks for **prompt engineering**, data labeling, and quality assurance to ensure high-quality human feedback loops.
- Participate in the development and testing of scalable pipelines for training and validating AI systems.
- Contributed to improving the safety, usability, and real-world performance of AI assistants through iterative feedback and reinforcement strategies.

SKILLS

Technical Skills

- **Programming Languages:** Python, Java, C++, C#, C, R, HTML, CSS, JavaScript
- **AI & Machine Learning:** Machine Learning, Deep Learning, NLP, AI Development, RAG Systems, AI Prompt Engineering
- **Data Science & Analysis:** Data Mining, Data Science Process, Data Analysis, Tableau, Pandas, Matplotlib, Plotly
- **Big Data & Cloud:** Spark (PySpark), Hadoop, AWS Cloud (Cloud Practitioner Level), MongoDB
- **Frameworks & Tools:** TensorFlow, PyTorch, Git & GitHub, RESTful API Development

Soft Skills

- **Communication & Interpersonal Skills:** Strong verbal and written communication, with the ability to convey complex technical concepts clearly.

- **Analytical & Critical Thinking:** Skilled in analyzing data and systems to identify patterns, solve problems, and drive informed decisions.

- **Teamwork & Collaboration:** Experienced in cross-functional teamwork, contributing effectively to collaborative projects and shared goals.

- **Leadership & Initiative:** Proactive mindset with a demonstrated ability to take ownership of tasks, mentor peers, and lead by example.

- **Adaptability & Resilience:** Thrives in dynamic environments; quick to learn new tools and adapt to changing project needs or challenges.

COURSES & CERTIFICATE

- **AWS Cloud Practitioner Essentials –** AWS Training and Certification, 2025
- **Data Analysis –** Correlation One, 2025
- **Deep Learning –** The Hope International, September 2024
- **Work Refines –** Education for Employment (EFE), August 2024
- **Access to Finance –** Education for Employment (EFE), August 2024
- **Data Science Methodology –** IBM, September 2023
- **Tools for Data Science –** IBM, September 2023
- **What is Data Science? –** IBM, March 2023
- **English C2 Certificate –** Professional Consultants PCNe, March 2023

PROJECTS

Smart Home System with Brain Processing Unit – Graduation Project

Tafila Technical University

- Developed a proactive smart home demo using a custom **Brain Processing Unit (BPU)** and **IoT sensors** to automate tasks based on user behavior.

- Used **C/C++** for embedded systems and **Python** for logic and simulation.

- Showcased real-time personalization and predictive automation.

AI Search Engine with RAG – Personal Project

Tafila Technical University

- Built an AI search engine using **Vector Search**, **RAG**, and **LLMs** to retrieve and summarize information.

- Tech stack: **Python**, **MongoDB**, **LangChain**, **Hugging Face**, **Flask**.

- Enabled semantic search and dynamic summarization through a web interface.

LANGUAGE

- Arabic – Native
- English – C2 Proficient