

Alrashid AlKiswane

Machine Learning Engineer



Personal Information

- 📍 Amman, Jordan | 📞 +962 788162581
- ✉️ alrashidissa2001@hotmail.com
- 🔗 [LinkedIn](#) | [GitHub](#) | [Kaggle](#)

Professional Experience

Qafza (قفزة)

Python Developer and Trainer December 2024 – Present

- Train students in Python, data structures, and algorithms.
- Develop and deliver structured Python courses.
- Mentor students in projects and coding best practices.
- Organize coding workshops and interactive sessions.
- Build Python applications to support training needs.

Qafza (قفزة)

Training Assistant Nov 2024 - Jun 2025

- Focused on training and mentorship in Machine Learning, Deep Learning, and MLOps.
- Conducted Python programming workshops and hands-on training sessions.
- Contributed to impactful AI projects while collaborating with a dynamic team.

SHAI For AI

Ambassador Intern Oct 2022 - May 2024

- Promoted the organization's mission and facilitated AI-focused events.
- Engaged with AI communities and supported initiatives to raise awareness about artificial intelligence.
- Fostered collaboration within the AI industry.

Personal Projects

Dental Clinic Chatbot (RAG-based AI System)

- Developed a chatbot using Open & Closed LLM sources and LangChain for a dental clinic.
- Integrated RAG for information retrieval and enhanced chatbot responses.
- Technology: Python, FFISIndex, Llama-1B, GPT-4, Pydantic, pytest, YAML, Docker.

Restaurant Chatbot (RAG-based AI System)

- Designed a chatbot using FLAN-T5 and FFISIndex for restaurant inquiries in Saudi Arabia.
- Focused on RAG integration and API development.
- Technology: Python, FLAN-T5, FFISIndex, Docker, pytest, YAML.

Personal Projects

Spam Email Detection System

- Built a classification model to detect spam emails using NLP and machine learning.
- Developed and deployed the solution via FastAPI.
- Technology: PyTorch, NLTK, Scikit-learn, FastAPI, Git LFS.

Sentiment Analysis API

- Implemented a deep learning-based sentiment analysis API for text classification.
- Deployed with FastAPI and a web-based user interface.
- Technology: TensorFlow, Keras, FastAPI, Jinja2, Docker.

YouTube Script Generator

- Developed a Python application for extracting and enhancing YouTube video transcripts.
- Leveraged generative AI for script optimization.
- Technology: Python, Flask, YouTube API, Google Generative AI, Docker.

Kidney-Related Condition Diagnosis

- Designed a deep learning model using AlexNet for multi-class medical image classification.
- Focused on advanced data augmentation and hyperparameter tuning.
- Technology: TensorFlow, Python, AlexNet, ImgDataGeneration.

Technical Skills

- **Machine Learning & Deep Learning:** TensorFlow, Keras, PyTorch, Scikit-learn
- **Natural Language Processing & LLMs:** NLTK, Transformers, LangChain, RAG, Fine-Tuning
- **MLOps & Deployment:** MLflow, Docker, Git & GitHub, Linux, Pipeline Development
- **Programming & Data Science:** Python, NumPy, Pandas, Seaborn, Matplotlib, OpenCV
- **Web & API Development:** FastAPI, Flask, Django
- **Infrastructure & Hardware:** GPU, TPU, CPU

Education & Certifications

Al-Balqa'a Applied University

- Diploma in Artificial Intelligence and Robotics Engineering
- Completed January 19, 2025

Certifications

- DeepLearning.AI TensorFlow Developer Specialization (Coursera, April 15, 2024)
- DeepLearning.AI Deep Learning Specialization (Coursera, March 21, 2024)
- Generative AI with Large Language Models (Coursera, Nov 21, 2024)

Books & Learning Resources

- Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow – Aurélien Géron
- Practical Statistics for Data Scientists – Peter Bruce, Andrew Bruce, Peter Gedeck
- Hands-On Large Language Models – Jay Alammar, Maarten Grootendorst
- Build LLMs From Scratch – Completed (Paul Azunre, Joshua Siaw, Emmanuel Ameisen)