

Amer Alnajdawi

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SUMMARY

A passionate and results-driven Artificial Intelligence professional currently pursuing a Master's degree in AI, with a specialization in Natural Language Processing. Possessing a strong background in developing AI-powered solutions, including LLM and RAG-based applications, for real-world challenges. Actively involved in problem-solving competitions, demonstrating a commitment to continuous learning and innovation in AI. Eager to leverage expertise in AI and NLP to contribute to dynamic projects and drive technological advancements.

EXPERIENCE

Artificial Intelligent Software developer

Timeless Soft GmbH

January 2025 - Present, Vienna, Austria

- Developed the "e-novations" project, building a backend algorithm to find optimal electric vehicle charging tariffs from various providers in Austria, based on customer location.
- Built an AI application using LLM to identify potential customers for the company.

Artificial Intelligent Software developer (Internship)

Treetop Medical GmbH

July 2024 - September 2024, Vienna, Austria

- Developed and integrated Streamlit application for project visualization
- Implemented and researched LLM-based solutions for data extraction tasks
- Enhanced project infrastructure by adding DevContainer support
- Conducted research on advanced data extraction techniques using large language models
- Trained and fine-tuned multi-class Classification tasks using HuggingFace and Transformers

Technical support

Manaseer Group

August 2022 - September 2023, Amman, Jordan

- Specialized in software and hardware support, including Microsoft Office Suite installation and troubleshooting. I excel at diagnosing and resolving hardware issues, efficiently replacing faulty components. Additionally, I am skilled in proactive printer maintenance, camera installations, and collaborative problem-solving.

PROJECTS

AIKA Startup Company

January 2025 - Present

- As CTO and key partner, drove the development of a technology solution for economic transformation and sustainability.
- Designed and developed the LLM-powered application with RAG for semantic search and knowledge accessibility.
- Developed the frontend with TypeScript and backend with Python for robust application functionality.
- Integrated vector search database for complex reporting and expert knowledge management.

Structured Data Extraction from Laboratory Reports

Github, Private Project • github.com/amernajdawi/Structured-Data-Extraction-from-Laboratory-Reports

- Extracted lab report data such as (Type, Value, Unit, and Range) and some Metadata such as (Name, Gender, Creation_date, and Birthdate)
- GPT 4o mini was utilized and with a custom prompt
- Developed the project inside a Dev-Container
- Used Poetry as dependency management and packaging

EDUCATION

Master Degree in Artificial intelligence

Minor in Natural Language Processing • Johannes Kepler University • Linz, Austria • 2025

Bachelor in Computer Science

AlBalqa Applied University • Amman, Jordan • 2022

SKILLS

LLMs, Prompting, Huggingface, SpaCy, Panda, Git, Computer Vision, LLMs, NLP, LangChain, Python, APIs, DevOps and Docker
