Taha Ghazouani

AI Engineering Student

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ABOUT ME

AI engineering student at ESPRIT with a passion for integrating AI and automation into the medical field. Curious and driven, I'm seeking part-time/full-time opportunities to contribute to innovative projects. My skills in AI and Full-Stack development allow me to actively participate in the design of advanced tech solutions.

PROFESSIONAL EXPERIENCE

AI Developer Intern, *Sagebase*   07/2025 – 08/2025
                                                                                                                             Belgium

Developed and integrated AI solutions for intelligent agents connected to platforms like Discord and Google Drive.
Implemented a Discord application enabling smooth interaction between users and a smart conversational agent.
Integrated the Google Drive API to monitor, extract, and analyze documents in real-time to enrich the agent's knowledge base.
Contributed to the development of a vectorization and intelligent search (RAG) system to provide accurate responses to user queries.
Collaborated in a Django/Python environment, using LLMs for contextual understanding and automation of processing workflows.

EDUCATION

AI Engineering Student, *ESPRIT*   09/2024 – Present

Industrial Computing and Automation, *INSAT*   09/2021 – 06/2023

High School Diploma in Mathematics, *Lycée Pilote Jendouba*   2021
Graduated with honors – 18.2/20 (Excellent)

RECENT PROJECTS

Hackathon Winner – 3rd Place: Advanced chatbot with RAG
Developed a chatbot to help new IHEC students adapt to their environment.
Tech: LLMs, Ollama, Flask, FAISS, Langchain

Repair Cost Estimation from Images (car or home)
Damage analysis and reporting for insurance companies; cost estimation based on market rates.
Tech: VLMs, Ollama, Flask, Angular

AI Agent Specialized in Psychology
AI agent designed for diagnosing mental health disorders.
Tech: LLMs, Langgraph, Langchain

SKILLS

Full-Stack Development
Django, ExpressJS, Angular, SpringBoot, React, Symfony, Flask

Deep Learning
Computer Vision, LLMs, VLMs, PyTorch, Langchain, Langgraph

Machine Learning
Sklearn, Pandas, Web Data Extraction

Programming Languages
Python, Java, C++, JavaScript, PHP, Assembly, C

LANGUAGES

English
Fluent

French
Fluent

Arabic
Native

CERTIFICATES

Deep Learning Fundamentals
Nvidia

Data Manipulation with Pandas
DataCamp

Generative AI
Nvidia