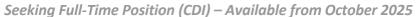


Othman SAMIH

AI Engineer

Lyon, France





、 (+33) 687 1649 93 | Mothmansamih001@gmail.com ② | ♥ Github ② | in Linkedin ② | ঔ My Portfolio ②

Education

IA School	2024 - 2025	Lyon, France
Master's degree in Data Science (Specialization in AI & Management)		
HASSAN II University, Higher Normal School of Technical Education, ENSET	2022 - 2024	Mohammedia, Morocco
Master's degree in Artificial Intelligence and Distributed Systems		
HASSAN I University, Faculty of Sciences and Technologies, FST	2019 - 2022	Settat, Morocco
Bachelor's degree in Mathematics and Computer Science		

Skills

Programming languages: Python, Java, C, PHP, SQL, JavaScript **Machine learning:** ML/DL models, embeddings, NLP, computer vision

Technologies: Langchain, LangGraph, CrewAl, Smolagents, Docker, AWS, TensorFlow, NumPy, Pandas, Seaborn, Matplotlib, Plotly, OpenCV, Scikit-Learn, MCP, FastAPI, Uvicorn, Pydantic, Selenium, Streamlit, Gradio, Ultralytics, ImageHash, PyTube, imgaug, Groq, Duckduckgo, Langsmith, Exa, mlxtend, Pinecone, Chroma, Unstructured, etc...

Professional Experience ______

Al Engineer Intern at Ayming

INTERNSHIP

Lyon, France

Apr. 2025 - Present

Developed AI agent prototypes and a configurable multi-agent architecture using custom-built tools to meet business needs. Conducted a state-of-the-art review of AI agent frameworks, designed supporting tools, and evaluated low-code/no-code platforms.

• Python, Langchain, LangGraph, CrewAI, Smolagents, AWS, n8n, Flowise, Snaplogic, Mindstudio, Dify

Data Scientist Intern at Capgemini Engineering

INTERNSHIP

Casablanca, Morocco Mar. 2024 - Jul. 2024

Developed a real-time system to detect speed bumps and potholes using vehicle-mounted cameras, integrating a distance estimation feature to assess proximity to hazards, thereby enhancing driver awareness and safety through timely and accurate detection.

• Python, OpenCV, Ultralytics, ImgAug, SORT, CVAT, MakeSense, Yt-dlp

Projects

Agents Powered Newsletter ☑

PERSONAL PROJECT

Lyon, France

Dec. 2024 – Jan. 2025

This project streamlines personalized newsletter creation by automating research, editing, and formatting. Its modular architecture gathers content, edits, and assembles polished HTML newsletters, with a Streamlit GUI for seamless user interaction.

• Python, CrewAl, Streamlit, Render, Exa, Docker, OpenAl

Coffee Shop Customer Service Chatbot ☑

PERSONAL PROJECT

Lyon, France Oct. 2024 - Nov. 2024

Developed an AI-powered chatbot for a coffee shop app using LLMs and NLP to handle orders, answer menu queries, and provide personalized recommendations. The system features a modular agent-based architecture with agents for order taking, menu details, and recommendations, along with a guard to filter irrelevant queries.

• Python, Scikit-Learn, Pandas, Pinecone, OpenAI, Llama, mlxtend, Runpod

Certifications

- Al Agents Fundamentals ☑
- Supervised Machine Learning: Regression and Classification ♂
- Advanced Learning Algorithms ☑
- Unsupervised Learning, Recommenders, Reinforcement Learning ☑
- Machine Learning Specialization ☑
- Machine Learning A-Z™: Python & R in Data Science [2023] ☑
- Natural Language Processing with Classification and Vector Space ☑
- Neural Networks and Deep Learning ☑
- Improving Deep Neural Networks ☑
- Structuring Machine Learning Projects ☑
- Convolutional Neural Networks ☑
- Sequence Models ☑
- Deep Learning Specialization ☑

Languages ____

English: Advanced French: Advanced