Othman SAMIH

AI Engineer

Lyon, France

Seeking Full-Time Position (CDI) – Available from October 2025

📞 (+33) 6 87 16 49 93 | ✉ othmansamih001@gmail.com ⧉ | 🏆 Github ⧉ | in Linkedin ⧉ | 🔗 My Portfolio ⧉

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, CrewAI, 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

AI Engineer Intern at Ayming — *Lyon, France*

INTERNSHIP — *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 — *Casablanca, Morocco*

INTERNSHIP — *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 ⧉ — *Lyon, France*

PERSONAL PROJECT — *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, CrewAI, Streamlit, Render, Exa, Docker, OpenAI

Coffee Shop Customer Service Chatbot ⧉ — *Lyon, France*

PERSONAL PROJECT — *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

- AI 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