

Othmane Menkor

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PROFESSIONAL EXPERIENCE

QevlarAI (Applied AI Cybersecurity startup, \$15M raised, featured in AI Europe 100) **Paris, France**
AI Software Engineer Intern *May 2025 – August 2025*

- Owned and led AI R&D project “QevlarChat” with direct CTO oversight, architecting a new graph database and implementing a **LangChain ReAct agent** for cross-investigation reasoning and retrieval; also evaluated **RAG** and **GraphRAG** pipelines for optimal knowledge access using **Neo4j** and **Qdrant**.
- Shipped **30+ full stack** client-facing tasks to production, aimed at maintaining/improving Qevlar’s main platform including database optimization, migrations, API design, unit testing, UI/UX, code refactoring and bug fixing (worked with **Python** in backend, **VueJs**, **typescript** in frontend and **PostgreSQL** database)
- Worked as a core member of the engineering team with full ownership of assigned tasks

Enedis **Paris, France**
Data Science and Machine Learning Intern *April 2024*

- Worked on the "MyMateriel" project, leveraging computer vision to identify mechanical tools from input images and recommend optimal usage resources using Python.
- Researched and benchmarked multiple computer vision models, testing over 10 models to identify the most accurate and efficient solution for tool recognition.

TECHNICAL EXPERIENCE

Entrepreneur First – Builder’s Retreat **Paris, France**
Youngest invited to build alongside 30 top builders selected across Europe *July 2025*

- Invited in a mansion for 48 hours and built in solo “Clarity”, undetectable AI assistant for sales reps, that listens to meetings and is directly connected to user’s CRM (I focused on HubSpot) to automatically fill it

Utopia & UNAITE (ESSEC AI association & French Federation of AI associations) **Paris, France**
Founding member, Head of Hackathons and Vice President *July 2024 – Present*

- Co-founded Utopia (36+ members) and UNAITE (30+ members)
- Developed and conducted Machine Learning courses/workshops for 30+ students (MiM ESSEC & ESCP)

META, Entrepreneur First, HuggingFace On Device Hackathon– December 2024 **Paris, France**

- A-Eye: Vision Assistant** – Built during the Consumer Edge AI Hackathon, focusing on running LLMs locally, to enhance independence for visually impaired individuals through real-time visual assistance and natural voice interactions.
- Key Features** – Obstacle detection, multilingual menu reading, navigation assistance, and offline functionality powered by Groq, Mistral multimodal models, and Hugging Face technologies.

Mistral AI Hackathon – May 2024 (held in world’s biggest startup campus) **Station F, Paris, France**

- Developed StudAI, an innovative AI-based educational platform that adapts to users' comprehension levels and creates interactive exercises for efficient studying, using Retrieval-Augmented Generation (RAG) and Mistral AI's LLM embedding model using Python and React.
- Presented to panel of judges composed of C-suite management from Mistral, AWS, Hugging Face etc.
- Received mentorship and guidance from Sophia Yang Ph.D., Head of Developer Relations at Mistral AI

EDUCATION

CentraleSupélec & ESSEC Business School **Paris, France**
BSc in Artificial Intelligence, Data Science and Management (AIDAMS) *2023-2027*

- RANK:** Top 3
- Currently in 3rd Year of studies out of 4.**
- Relevant coursework:** Programming for Data Science (SQL), Linear Algebra, Data Structures, Computational Thinking and Programming (Python), Applied Mathematics for Data Science, Probability, Statistics

ADDITIONAL

Languages: French (native); English (fluent); Spanish and Arabic (professional proficiency)

Skills: Python, VueJs, Typescript, React, LangChain, LLMs, SQL, AI Agents, RAG, MCP server/clients, PostgreSQL

Certifications: IELTS – Global Score: 8/9; Stanford’s “Machine Learning Specialization” Coursera course