

# Louis Moheymani



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## AI Engineer

**PROGRAMMING:** Python, SQL, JavaScript, TypeScript, C, C++, C#, Java, Bash

**LANGUAGES:** French (native), English (advanced), Spanish (beginner)

**TECHNOLOGIES:** Git, ADK, GCP, MCP, A2A, Keras, TensorFlow, Scikit-learn, NumPy, Pandas, Docker, FastAPI

**INTERESTS:** Mountain biking, running, science, music and video games.

## Education

**42 Paris** – Master in Artificial Intelligence and Data **2023 – Present**

**Université Paris-Cité** - Course on Deep Learning for biology. **May 2025**

- Python, Keras, MLP, CNN, RNN, Transformers, Autoencoders, and LLM

**Université de Reims** – Bachelor's degree in Maths/Computer Science **2021 – 2023**

- Linear Algebra, Networks, POO, R, MATLAB, OS basics

## Experiences

**StackEasy, AI Engineer** **June 2025 – Dec 2025**

- Led development of AI agents on Google ADK & Vertex AI, integrating APIs, MCP, and A2A, and directed custom ML solutions with scikit-learn, NumPy, and Pandas.
- Served as tech lead on architecture decisions and deployed solutions on GCP.

**Headmind Partners, Full Stack Developer** **Sept 2024 – March 2025**

- Web application development based on the C#.NET MVC model.
- Database management with SQL Server designing tables, stored procedures, and optimizing queries to ensure efficient data handling.

## Projects

**AI Command Center (React, TypeScript, VertexAI, Supabase)** **Oct 2025**

- Full-stack SaaS platform for managing and orchestrating AI agent fleets.
- Multi-tenant architecture, user management with roles and permissions, real-time analytics dashboard, agent configuration, RAG knowledge management.

**AI Multi-Agent System (Google ADK, RAG, MCP, A2A, GCP)** **Sept 2025**

- Developed a multi-agent AI system with Google ADK, integrating RAG, web search, code execution, graph/PDF generation, and multi-format document processing (Excel, Word, PowerPoint, PDF).

**Inception-Of-Things (Docker, Kubernetes, K3S, K3D, CI/CD)** **July 2025**

- Deployed scalable multi-container applications with Docker & Kubernetes, implementing CI/CD pipelines, service discovery, and fault-tolerant orchestration.

**Learn2Slither (Python, Reinforcement Learning, Q-Learning, Tkinter)** **April 2025**

- Reinforcement learning agent trained from scratch to play the classic Snake game using Q-learning.

**Multilayer Perceptron (Python, NumPy, Pandas, Neural Networks)** **March 2025**

- A tunable MLP classifier that predicts the malignancy of a tumor from the Wisconsin Diagnostic Breast Cancer dataset from scratch.