



# Adrien Ruault

## AI Engineer

🏠 Lausanne, Switzerland

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### Profile

I am a Senior AI Engineer with 7+ years of experience, passionate about building impactful AI-driven solutions. I have built a strong record in leading AI initiatives that drive impact. My versatile skillset spans from cutting-edge AI technologies, LLMs, agentic frameworks, MLOps, to full-stack engineering and cloud platforms.

Looking forward to connecting!

### Employment History



#### Founder, Mikasa, Lausanne, Switzerland

November 2024 – Ongoing | 1 year

**Product** - Building an AI-driven real estate search platform using agentic frameworks and RAG systems for intelligent property discovery and recommendations. 🖱️ [Try beta](#)

Python, React, Node, Typescript, Tailwind, PostgreSQL, LangGraph, LLMs, Supabase



#### Senior Machine Learning Engineer, Visium SA, Lausanne, Switzerland

October 2019 – October 2024 | 5 years

**AI Engineering Lead** - Managed teams delivering 15+ AI initiatives across chemical, medtech, banking, and manufacturing sectors, overseeing full project lifecycles from specification to deployment and ensuring successful client outcomes.

Python, Pytorch, GCP, Azure, Azure DevOps, LangGraph, LLMs, OpenShift, MLFlow, DVC, React, Agile

**Product Lead** - 1) AI Recommender SaaS enabling on demand training and serving for manufacturing wholesalers. 2) Visium's ML Platform to accelerate project execution with MLOps workflows.

Python, Pytorch, MLOps, MLFlow, GCP, GKE, NestJS, Azure DevOps, Agile Development, Recommender Systems

**Data Engineering** - Powered Visium's decision-making with a Data Warehouse and a BI platform centralizing the company's data and enabling analytics as a service.

dbt, SQL, Google BigQuery, GCP, Fivetran, Python, Looker

**Full Stack Engineering** - Developed and integrated React frontends with Python backends on two high-impact projects.

React, Typescript, CSS, Postgres, FastAPI, Python

**Cloud Engineering** - Deployed and maintained many containerized services in Azure and GCP's serverless platforms and in managed Kubernetes environments like Openshift and GKE.

Docker, GCP, Azure, Openshift, GKE, Terraform

**Business Development** - As one of the first engineers, I actively helped Visium grow from a start-up to a 60+ employees company by supporting sales and establishing scalable engineering processes.

Sales, Strategic Thinking



#### Junior Machine Learning Engineer, CSEM, Neuchâtel, Switzerland

February 2016 – July 2016 | 6 months

**AI Research** - Researched the impact of Reinforcement Learning for controlling the energy systems in buildings, as part of my EPFL master thesis.

Python, Tensorflow, Reinforcement Learning



#### Junior Machine Learning Engineer, SenSat, London, United Kingdom

September 2018 – February 2019 | 6 months

**AI Research & Engineering** - Developed AI computer vision algorithms on point clouds and integrated them in Sensat's client web app to enable the detection of objects in large landscapes.  
Python, Tensorflow, Computer Vision



**Junior Machine Learning Engineer, Neural Concept, Lausanne, Switzerland**  
February 2015 – August 2015 | 6 months

**AI Research** - Accelerated the discovery of new cars and airplanes designs with ML models that predict the airflow around their shape. Resulted in a patent in collaboration with EPFL.  
Python, Tensorflow, Docker, Bash, Research

Education



**MSc in Computational Science and Engineering, EPFL, Lausanne, Switzerland**  
September 2015 – July 2019 | Grade: 5.44/6



**Erasmus Exchange Year, The University of Manchester, Manchester, United Kingdom**  
September 2014 – July 2015



**BSc in Materials Science and Engineering, EPFL, Lausanne, Switzerland**  
September 2012 – July 2016 | Grade: 5.56/6

Certifications



**Azure Data Scientist Associate**  
Microsoft • August 2024



**Foundational Strategic Thinking**  
MQ Learning • July 2023



**Foundational Systemic People Management**  
MQ Learning • February 2023

Skills

- Machine Learning
- AI Engineering
- Python
- Pytorch
- FastAPI
- MLOps
- MLFlow
- Agentic AI
- LangGraph
- Cloud Engineering
- Azure DevOps
- OpenShift
- GKE
- Data Engineering
- dbt
- SQL
- Google BigQuery
- Fivetran
- Looker
- React
- Node
- Supabase
- Full Stack Engineering

Languages

- French - Native Speaker
- English - Fluent
- German - Beginner

Hobbies

I enjoy cycling, both for daily commuting and for travel. I also enjoy mountain activities such as hiking and skiing. A few years ago, I joined the Swiss Alpine Club to learn more and share these activities with others. Additionally, I also volunteer for an association in Lausanne which distributes local organic vegetables ([Le Jardin Potager](#)).