Adrien Ruault
AI Engineer

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Profile

AI Engineer with 7+ years of experience delivering production-grade AI systems end-to-end, from specification and model development to deployment and monitoring. My strong cross-functional expertise in data engineering, cloud platforms, MLOps, and frontend engineering enables me to build scalable, real-world AI solutions.

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 AI 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 AI Research Engineer, CSEM, Neuchâtel, Switzerland
February 2019 – July 2019 | 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 AI 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 AI Research Engineer, Neural Concept, Lausanne, Switzerland
February 2018 – August 2018 | 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).