



OLIVIER HASSANALY



in/olivier-hassanalay



+33 6 86 50 67 26



olivierhass@gmail.com



27 Rue Vaugelas 75015 Paris



Driving License

SUMMARY

Data Scientist graduated from **Télécom Paris**. : For the past 3 years, I have been interfacing between data and various players in the energy sector and medical field. At **Enedis**, I had the opportunity to advise a major company on strategic decisions based on big data. At the **Commission de Régulation de l'Energie**, I developed an operational profile capable of rapidly producing insights and synthesizing them for political decision-makers. At **AP-HP**, I interact daily with clinical experts to understand their needs and propose optimal use of data, and AI-based products. I want to be part of the current technological transformation working with State of the Art GenAI applications. I have in-depth knowledge of AI, strong data processing skills, proficiency in Python, and the ability to interact with both technical and non-technical audiences.

WORK EXPERIENCE

Data Scientist - Assistance Publique des Hôpitaux de Paris (AP-HP) - Since October 2023

Unité de recherche clinique, AP-HP, Hôpital Saint Louis

- Lead research projects on healthcare data from AP-HP's 11 million patients Clinical Data Warehouse
- end-to-end development and deployment of a RAG webapp for clinical trials protocols
- Support and training for doctors in the use of the AP-HP health data warehouse for research purposes

Data Analyst - Commission de Régulation de l'Energie - between October 2022 & September 2023

Market Development and Energy Transition Division

- Provide technical expertise to a team of 7 people (integration and exploitation of department data)
- Quantitative analysis to monitor retail markets

Data Scientist Internship - Enedis - Direction Stratégique - between February & August 2022

- Forecasting of renewable energy production using machine learning
- Modeling the evolution of the housing stock to forecast changes in French residential electricity consumption

EDUCATION

General Digital Engineering - Télécom Paris (Institut Polytechnique Paris) - Saclay - From 2019 to 2022

Artificial Intelligence, Data Science, Applied Mathematics

Royal Institute of Technology - Stockholm - 6 months Academic Exchange between 2021 & 2022

Applied mathematics (advanced statistics, mathematical modeling of biological systems)

Classe préparatoire aux Grandes Ecoles - Lycée Chaptal - Paris - From 2017 to 2019

MPSI/PSI* - Intensive preparatory courses in Mathematics, Physics and Engineering Sciences

TECHNICAL SKILLS

Coding skills : Python, Spark, SQL, R , SAS, C & Java basics

Framework and Libraries : Pandas, Sklearn, Pytorch, BS4, SLURM, Transformers, Docker, OpenAI, Polars, chromadb

ML skills : Un-/Supervised ML (regression, classification, clustering), Deep Learning (CNN, RNN, LLMs), NLP, RAG

Applied Mathematics : Statistics, Biostatistics, Biology (cell modeling, genomics), Optimization, Signal processing, Digital Communications, Optical Fiber, Network Protocols

HOBBIES

Languages : French native, English C1-C2 Linguaskill, Spanish C1, Russian A2-B1, Portuguese A2-B1, Swedish A1, Latin

Chess game : FIDE elo ranking : 1987 - Fr high school champion in 2017 - 6th place 2017 Fr Championship (Open B, 131 players)

Arts : Music : Piano, Guitar - Dance : Cuban Salsa - Literature : Zola, Dostoïevski - Acting

Sports : Trailing, Swimming, Football, Tennis, Badminton, Catamaran, Skiing (Etoile d'or ESF)

Travels : South India, Mexico, South Africa, Egypt, Lapland, ...