

JAMES MOULTRIE

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Experience

University College London

London, UK

PhD in Experimental Psychology

September 2025 - 2029

- Doctoral studies under Prof Hugo Spiers' in the Spatial Cognition Lab.
- Research on Spatial Navigation and Environmental Neuroscience.

Le Wagon

Various locations

Freelance Data Science and AI Teacher

December 2023 - Ongoing

- 100+ students. 250h instruction, 750h supervision. full-stack curriculum
- 15+ clients, 300h instructed across France, Europe, and the US.

University of French Polynesia

French Polynesia

Researcher in AI and Energy

September 2024 - July 2025

- Developed simulation tools for EV fleet demand and hydrogen-powered public transport. kWh optimisation and GHG projection. ANR-financed research.

Paradox

Freelance

Data Scientist

July - December 2023

- Prototyped and delivered 5 AI POC and MVPs leveraging LangChain, enhancing project efficiency by 20%. EDA across client datasets, stakeholder reporting.

University of Bordeaux, INSERM

France

Research Engineer in AI and Health

April - July 2023

- Fine-tuned language models to classify emergency anamneses. 97%+ accuracy. reduced manual triage time across hospital emergency workflows.

Education

Le Wagon Coding School

Bordeaux, France

Data Science and AI bootcamp

January - March 2023

University of Amsterdam

Amsterdam, Netherlands

MSc Cognitive Neuroscience

September 2019 - April 2022

University of Poitiers

Poitiers, France

BSc Human Geography

September 2015 - May 2018

Languages

French: Native | English: Native | Spanish: B2 | Portuguese: B1 | German: B1

Technical

Python, Pandas, SQL, LangChain, Streamlit, Sklearn, PyTorch, VR (Unity)