

# THEO VOLCOUVE

IA Developer & Consultant - Freelance

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## EDUCATION

**LE WAGON - DATA SCIENCE & AI** Paris, France

**Full-Time Data Science Bootcamp using Python** 2024

- Relevant Coursework : Data Sourcing, Analysis and Visualization, Algebra & Calculus, Decision Science, Machine Learning, Deep Learning, Pipeline/Workflow, MLOps
- Final Project** : Breast cancer detection using image classification and convolutional neural network



**UNIVERSITY PARIS DAUPHINE PSL - MASTER'S DEGREE** Paris, France

**MSc in International Trade - Financial Markets and Commodities (212)** 2021 - 2022

Ranked #24 in QS World University Ranking 2024



- Relevant Coursework: Financial Strategy, Project Finance, International Cash Flow, Strategic Marketing, Financial Markets, Engineering of major international projects, Hydrocarbon & Energy Economics

**UNIVERSITY PARIS DAUPHINE PSL - MASTER'S DEGREE** Paris, France

**MSc in International Affairs and Development - Major Economics and Sustainable Development** 2019 - 2020

- Relevant Coursework: Econometrics, Microfinance, International Politics, Energy and Economy, Macroeconomics

**UNIVERSITY PARIS DAUPHINE PSL / UNIVERSIDAD CARLOS III** Madrid, Paris

**Bachelor's Degree in Organizational Sciences / Business Administration** 2016 - 2019

(First 2 years in Madrid, Spain and final year in Paris, France)



**UNIVERSITY OF OKLAHOMA** Norman, US

**Academic Exchange (Fall Semester)** 2018



*The UNIVERSITY of OKLAHOMA*

## WORK EXPERIENCE



**Fin.ai** Freelance

**LLM Engineer** May 2024 -

- From scratch to deployment, coding of a SAAS solution for financial data analysis and retrieval using OpenAI's GPT and Llama3 LLMs.
- Use of advanced RAG architectures and scraping tools for financial analysis and GenAI Chatbot interface.

**Deloitte Consulting** Paris, France

**Junior Consultant - Finance & Performances services** Sep 2022 - Feb 2023

- Mission within a systemic banking group managing a network of cooperative and mutual banks
- Support in the implementation of the MREL regulatory project
- Participation in the realization of commercial proposals for Deloitte Finance & Performances services



**BNP Paribas, Personal Finance** Paris, France

**External Advisor** Jan 2022 - Jun 2022

- Carring out interviews with blockchain, decentralized and inclusive finance specialists
- Writing of a final report and executivesummary
- Presentation of results, transition strategies and recommendationsduring steering committees



## LANGUAGES & COMPUTING SKILLS

**French** : Native speaker

**English** : Advanced

**Spanish** : Advanced

**Portuguese** : Limited working

**GenAI** : Python, LLM, LangChain, LlamaIndex, RAG, Chatbot

**No Code / Low Code** : Langflow, Flowise

**Data Analysis** : Python libraries (Pandas, Numpy), SQL, Excel

**Tools** : Visual Studio Code, Jupyter Notebook

**MLPOps** : Google Cloud Platform, ML Flow, Docker, Streamlit

**Database Systems** : Mongo Db, Pinecone Astra DB, PostgreSQL

**ML / DL** : Scikit-learn, Keras & TensorFlow, PyTorch

**Data Vizualization** : Matplotlib, Seaborn

## INTERESTS

5-month **backpacking** trip through Mexico, Central America and Brazil (7 countries), **volunteering** in hostels and **surfing** (2023)

Sports : **Surfing** and **Soccer** in competition and club at regional and university level

Two-time participation in a TV Game based on mental arithmetic skills and knowledge of vocabulary (**Des Chiffres et des Lettres**, 2012/2015)