



# LUCAS PASCAL

## AI/ML ENGINEER

### PROFILE

I have worked closely with several clients from Société Générale to L'Oréal on building impactful data science projects and AI applications. I am innovative and dedicated, with a foundation in data science and a passion for pioneering new libraries and AI tools.



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### EXPERIENCE

#### EQUANCY - EDG GROUPE

**AI Engineer**, Mar 2024-Setp 2024

- Adapted a Stable Diffusion AI model to create marketing materials for Vinci Airport
- Developed a Python package to select important features in data sets
- Created a generative AI app, incorporating various AI techniques like RAGs, Chain, and Agents
- Developed a model to categorize different customer types for L'Oréal Professional

#### SOCIÉTÉ GÉNÉRALE, PARIS

**Data Scientist**, Nov 2023-Feb 2024

- Developed NLP-based prototype to improve automated insights utilisation for financial risk analysts

#### EUROSTAR LTD, LONDON

**Software/Data engineer**, November 2022 - March 2023

- Conducted predictive modeling techniques to generate accurate forecasts and support strategic planning initiatives
- Creating dashboards and predictive models to monitor KPIs
- Developed data-driven dashboards, improving promotional effectiveness by 15%

#### ROYAL UNIVERSITY OF PHNOM PENH, CAMBODIA

**Science Teacher**, Nov. 2019 -June 2020

- Interned in humanitarian field, designed physics practicals

### EDUCATION

#### MASTER IN DATA & ARTIFICIAL INTELLIGENCE

PANTHÉON ASSAS UNIVERSITY, EFREI PARIS, 2022-2024

Machine & Deep learning, Generative AI models, Cloud Computing, Reinforcement Learning, Chatbots & recommender systems, Advanced & NoSQL Databases, Machine Learning in Production (MLOps)

#### BACHELOR'S DEGREE IN PHYSICS, PARIS-SACLAY UNIVERSITY, 2017-2021

Program in physics, mathematics and chemistry

### HARD SKILLS

#### GEN-AI TOOLS

Langchain, OpenAI, LLaIndex, Mistral, AutoGen, Grok

#### MACHINE & DEEP LEARNING

Pandas, Numpy, Scikit-learn, Pytorch, Tensorflow

#### PROGRAMMING LANGUAGES

Python, SQL, Javascript, Node, React

#### DEV TOOLS

Git, Docker

#### VISUALISATION

Streamlit, Plotly, Matplotlib, Seaborn

#### CLOUD

- AZ-900** certified : Azure Fundamentals
- AI-900** certified : Azure AI Fundamentals
- AWS** Cloud Quest: Cloud Practitioner

### SOFT SKILLS

- Social communication**
- Complex problem solving**
- Vulgarisation**

### LANGUAGES

- FRENCH : Native
- ENGLISH : Fluent

### HOBBIES

- Swimmer & sailer lover
- Captain of the Basketball team in a regional level