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.

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

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- in Lucas PASCAL

HARD SKILLS

GEN-AI TOOLS
Langchain, OpenAI, LLamaIndex, 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**
- **Complexe problem solving**
- **Vulgarisation**

LANGUAGES
- FRENCH : Native
- ENGLISH : Fluent

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