LUCAS PASCAL

DATA SCIENTIST
FINAL 6-MONTHS INTERNSHIP - MARCH-AUGUST 2024

PROFILE

Currently a last year Master's student in Data and Artificial Intelligence looking for a final year internship for the role of Data Scientist.

EXPERIENCE

EUROSTAR LTD, LONDON, UK
<u>Data Analyst Intern</u>, November 2022 - March 2023
- Involved in the Delta Project, a major European merger, integrating Eurostar and Thalys to drive synergie and efficiency
- Developed data-driven dashboards, improving promotional effectiveness by 15%
- Conducted predictive modeling techniques to generate accurate forecasts and support strategic planning initiatives
- Working with stakeholders across the Digital Product team.
- Creating dashboards and predictive models to monitor KPIs of the company

FRENCH HEALTH AGENCY (ARS), ORSAY, FRANCE
<u>Hotline Health Consultant</u>, Mars 2020-June 2020
- Worked during the first Covid-19 lockdown for the French Health Agency (ARS) on the website "Terr-eSanté": the French equivalent to the NHS website

ROYAL UNIVERSITY OF PHNOM PENH, CAMBODIA
<u>Science Teacher</u>, Nov. 2019 -June 2020
- Interned in humanitarian field, designed physics practicals

EDUCATION

MASTER DATA & AI, PANTHÉON-ASSAS UNIVERSITY, EFREI PARIS, 2022-2024

Second-year specialisation in Data & AI (Machine & Deep learning, Advanced & NoSQL Databases, Mathematics & Statistics, Convex Optimisation, DevOps-MLOps, Transfer & Reinforcement Learning)

ACADEMIC SEMESTER EXCHANGE
University of Manchester, 6 months, 2021-2022

BACHELOR'S DEGREE IN PHYSICS, PARIS-SACLAY UNIVERSITY, 2017-2021
- 1st University in Europe (Shanghai, 2021).

ACADEMIC PROJECTS

- **Société Générale Market Risk Variation Algorithm Explanation:** Developed NLP-based prototype to improve automated insights utilisation for financial analysts and traders.
- **Streamlit for Netflix Users:** Developed an interactive Streamlit application for Netflix users to visualise their personal viewing data and predict their future usage.

- ☎ 06 34 37 30 55
- ✉ <u>lucas.pascal.internship@gmail.com</u>
- in <u>Lucas PASCAL</u>
- 🚗 Driver's license B

HARD SKILLS

DATABASE
Pandas, Numpy, Oracle, Elastiksearch, Azure Cloud, AWS, MongoDB

ARTIFICIAL INTELLIGENCE
Tensorflow, Scikit- learn, Keras, Pytorch

MATHEMATICS & STATISTICS
Descriptive statistics, Probability, Integration, Linear model, Bayesian statistics

PROGRAMMING LANGUAGES
Python, SQL, Javascript

DEV TOOLS
Git, Docker

VISUALISATION
Streamlit, PowerBI, Excel

CERTIFICATIONS
AZ-900 certified : Azure Fundamentals
AI-900 certified : Azure AI Fundamentals

SOFT SKILLS

- **Social communication**
- **Complexe problem solving**
- **Vulgarisation**
- **Teamwork / Team Building**

LANGUAGES

- FRENCH : Native language
- ENGLISH : Fluent
- HINDI : Proficiency

HOBBIES

- **Project Data Manager**, in the Junior Entreprise, SEPEFREI
- Captain of the Basketball team in a regional level
- Sailing & Holidays