LINA BENZEMMA

DATA ENGINEER / SCIENTIST

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Île-De-France

Github

Portfolio

LinkedIn

Currently pursuing a Master's degree (M2) in Data Science through a work-study program, I am looking for a full-time position starting in September 2025. Specialized in machine learning, statistical modeling, and Python development, I aspire to grow as a Data Scientist or Data Engineer.

Professional Experience

SANOFI - DATA SCIENTIST (APPRENTICESHIP)

2024-2025

Vitry-sur-Seine, France

- Responsible for the development and improvement of two R Shiny applications.
- Software development
- Project management
- Statistical analysis and methods

IFP -MACHINE LEARNING ENGINEER (INTERNSHIP)

2024 (5 MONTHS)

Rueil-Malmaison, France

- Development of machine learning methodologies on landslide data.

AUCHAN - CENTRAL VAULT MANAGEMENT

2021-2024

Le Kremlin-Bicêtre, France

Education

Master's Degree (M2) – Statistical, Economic, and Financial Modeling (MOSEF)

2024-2025

Panthéon Sorbonne University

Paris, France

- Proficiency in big data environments (Microsoft Azure, Hadoop, Spark) and web scraping.
- Expertise in programming tools (Python, Scala, Java, R, SAS, Linux).
- Strong knowledge of statistical learning methods (Machine Learning, Deep Learning).

Master's Degree (M1) – Applied Mathematics and Statistical Learning

2023-2024

Paris Saclay University

Versailles, France

- Skills in numerical optimization, statistical inference, linear modeling, and machine learning.
- Expertise in randomized algorithms, operational research, and data processing.

Bachelor's Degree – Applied Mathematics

2020-2023

Sorbonne University

Paris, France

Academic Projects

Predict Schizophrenia Using Brain Anatomy :

Schizophrenia prediction using machine learning models based on gray matter data (ROIs, 3D VBM) optimized for AUC-ROC.

Cryptocurrency Volatility Prediction:

Cryptocurrency volatility prediction and portfolio optimization using GRU, LSTM, TCNN models, and a FastAPI-based API.

Bank Attrition Prediction - Kaggle MOSEF Challenge :

Using a stacking model (CatBoost, XGBoost, LightGBM) optimized for AUC.

Deployment of an application : Developed with Python, Docker, Bash, and Streamlit.

HARD SKILLS : Python, R, RShiny, Scala, SQL, HTML, Apache Spark, Hadoop, Hive, Nifi, Kafka, Docker, SAS, Tableau, Dataiku

SOFT SKILLS: Analytical mindset, adaptability, curiosity, time management, and organization.

LANGUAGES: French, English (C1)

INTERESTS: Hiking, traveling, reading, cinema, and painting.