

Ramy Lazghab

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Profile

Master's student in **Big Data & Artificial Intelligence** at Université Paris Dauphine, with a strong focus on **Data Science and Machine Learning**. Skilled in building end-to-end analytics and AI solutions-from data engineering and statistical modeling to deployment. Interested in applying advanced **data science and AI techniques** during a worldwide internship that can lead to a full-time role.

Education

Université Paris Dauphine — M.Sc. Big Data & Artificial Intelligence 09/2024–Present

Faculty of Sciences of Tunis — B.Sc. Computer Engineering 09/2021–06/2024

Technical Skills

Languages: Python, Java, C, R, JavaScript

Data Science: scikit-learn, Pandas, NumPy, LangChain, NLP, XGBoost

Tools/DB: Docker, React, Django REST, Streamlit, PostgreSQL, Git

Experience

Software Developer Intern, Infinity Management 02/2024–06/2024

- Built a blended-learning platform with **NLP-based sentiment analysis** and dynamic course unlocking.
- Integrated evaluation and learner-tracking systems using React, Django REST, and Docker.

Web Developer Intern, Centre National d'Informatique 06/2023

- Developed a client-registration web app with secure admin data export (PHP, HTML/CSS).

Selected Projects

- **RAGenius** LLM-powered research assistant for CSV/PDF analysis using **RAG, LangChain, FAISS, Streamlit**.
- **SportiQ** AI sports-pose analysis with **OpenCV & MediaPipe**, generating NLP-based feedback and performance trends.
- **MoodSync (Hack for Good Winner)** – Real-time therapeutic assistant with **speech-emotion recognition**, smart note-taking, and IoT-driven ambient lighting (Python, Streamlit, REST API).
- **ML Mini-Projects** Kaggle house-price regression & diabetes prediction using **XGBoost, SVM, feature engineering**.
- **Other Projects** -Startup Investment Recommender (Word2Vec, Selenium) • Career Satisfaction PCA Study

Achievements Leadership

Winner – **Hack for Good** (MoodSync AI mental-health platform)

Global Competitor – **IEEEExtreme 15.0 & 16.0** Programming Contest

Member – IEEE, ITLAB, and AIESEC: led AI workshops, hackathons, and global leadership programs (2021–2024)

Languages

English (Fluent – IELTS) | French (Professional)