

RAMY LAZGHAB

✉ ramy.lazghab@dauphine.tn ☎ +21651483316 📄 Ramy Lazghab 🔄 Rblaze23 🔗 Portfolio

👤 Profile

Passionate and dedicated Data Science and AI enthusiast with a strong foundation in computer engineering and a commitment to continuous learning and growth. Experienced in designing and implementing innovative software solutions, with a particular focus on Big Data and Artificial Intelligence. An active member of organizations such as IEEE and AIESEC, where I honed skills in team collaboration, project management, and cross-cultural communication. Currently active in ITLAB, contributing to cutting-edge tech projects and exploring advanced AI technologies while pursuing a Master's in Big Data & AI. Excited to leverage my expertise to drive impactful solutions in the evolving AI landscape.

🎓 Education

Master's in Big Data & AI

Dauphine Paris University

2024 Sep – present

Bachelor's degree in computer engineering

Faculty of sciences of Tunis

2021 Sep – 2024 Jun

Computer science baccalaureate

High School Mahmoud Messadi

2018 Sep – 2021 Jun

📁 Key Projects

Startup Investment Recommendation Program

- Built a program to help investors choose the best startups using NLP and Word2Vec embeddings.
- Scraped data from AngelList Syndicates, analyzing startups based on growth, revenue, and domain of work.
- Tools: Python, Selenium, Pandas, scikit-learn.

Analysis of Position and Career Satisfaction Correlation

Conducted Principal Component Analysis (PCA) on socio-economic datasets to explore factors affecting employment trends.

💼 Professional Experience

2024 Feb – 2024 Jun

Infinity Management

Software Developer Intern

Developed a Blended-learning application facilitating online/offline training courses. Key features include:

- User registration with options for paid subscriptions or temporary invitations.
- Enrollment in training courses after registration.
- Customizable tests are administered to enrolled users before accessing desired courses.
- Dynamic scoring based on configurable algorithms set by administrators.
- Adapted scope to include enterprise evaluations and sentiment analysis using NLP for classification.
- Access to course modules is unlocked upon successful test completion.
- Sequential video modules require the completion of previous content to unlock subsequent videos.
- Tracking of learner progress through the platform, including calculation of relevant metrics.
- Technologies:

React, Django Rest Framework, Docker, Python, Git, Continuous Integration/Continuous Deployment (CI/CD)

2023 Jun – 2023 Jun

CNI (Centre National d’informatique)

Web Developer Intern

- Designed a user-friendly web application for customer registration and data management.
- Integrated a database system with export capabilities to streamline administration and analysis.
- **Technologies:** PHP, HTML, CSS



Languages

English

IELTS

French



Interests

AI for Social Impact

Enthusiastic about applying AI to solve societal problems.

Data Analytics

Exploring trends and patterns to drive insights.



Skills

Programming Languages

- Python, Java, C, R, JavaScript

Frameworks

- Vscode, Django Rest Framework, React, Flutter, Docker

Data Science Tools

- Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, NLP techniques (Word2Vec), git, jupyter

Databases

- PostgreSQL, SQL Other Tools •Git, CI/CD pipelines



Achievements & Awards

IEEEExtreme Global Coding Competitions

Competed in **IEEEExtreme 15.0 & 16.0**, solving challenging algorithmic problems under a 24-hour global competition.

Organized IEEE Events

Contributed to successful execution of **Hackathons** and **AI-focused workshops**.

Python core

Hack for Good with Gen AI

Winning the heart of the jury at the Hackathon



Extracurricular Activities

ITLAB

Member

2024 Oct – present

Actively participating in innovative tech projects and exploring cutting-edge technologies.

IEEE

Member

2021 Sep – 2024 Aug

3 years of leadership experience in the IEEE community.

AIESEC

Member

2022 Jan – 2023 Jan

Gained leadership and cross-cultural communication skills through global community initiatives.