

RAMY LAZGHAB

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👤 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) • **Data Science Tools** (Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, NLP techniques (Word2Vec), git, jupyter) • **Frameworks** (Vscope, Django Rest Framework, React, Flutter, Docker) • **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



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.