

FATIMA EZZAHRAE EZZOUZI

APPLIED AI STUDENT

+212695387519
ezzouzifatimaezzahrae@gmail.com
Bab Ikhmiss, Marrakech
my LinkedIn
my GitHub
my portfolio

ABOUT

Curious, ambitious, and tech-driven, I'm passionate about combining artificial intelligence and cloud technologies to solve meaningful problems. I value continuous learning, collaboration, and innovation, and I'm driven by the goal of turning ideas into impactful digital solutions.

SKILLS

AI & Data: Machine Learning, Deep Learning (CNN), Data Analysis , CV ,NLP ,RL

Technical: Python (AI, ML, Data), C, HTML/CSS/JS, AWS, Terraform

Soft Skills: Communication, Teamwork, Adaptability, Autonomy

Languages: Arabic (native), French (Fluent), English (Fluent)

EDUCATION

B.sc in Applied Artificial Intelligence (distance learning) — IU International University of Applied Sciences

Berlin - Germany

January 2024 – June 2027

KEY ACHIEVEMENTS

• 2026

— ZERO BACKHAUL OPTIMIZATION SYSTEM – Logistics Efficiency & Route Optimization

- Developed a logistics optimization system to generate intelligent route and backhaul reduction recommendations.
- Analyzed transport data to identify inefficiencies and reduce empty return trips, improving cost efficiency, fuel usage, and overall fleet utilization with measurable impact.

Tools: Python, Streamlit, Google Gemini API, Prompt Engineering, Data Analysis

• 2026

— AGRITECH AI SYSTEM – Disease Detection

- Developed a supervised ML model for crop recommendation based on soil and environmental data. Built a CNN model for plant disease detection.
- Integrated both into an intelligent decision-support system.

Tools: Python, TensorFlow, scikit-learn, Keras, seaborn

• 2025

— CLOUD PROGRAMMING PROJECT – Static Web Hosting

- Designed and deployed a cloud-native static web application using AWS.
- Implemented infrastructure with Terraform and used **S3 + CloudWatch**.
- Focused on high availability, cost-efficiency, and security.

• 2025

— DATA ANALYSIS – Habit Tracking Application

- Collected, cleaned, and analyzed user data to identify trends.
- Generated reports and visualizations using Python (**Pandas, Matplotlib**).

CERTIFICATIONS

AI, Innovation, and Digital Communication COIL Program — Impact Erasmus+

- Explored the impact of AI on digital transformation and learned about the modern AI tools.
- Developed international teamwork skills through group presentations and collaborative activities.

Leadership and Soft Skills Development COIL Program — Impact project Erasmus+ | 2026

- Participated in an international leadership development program focused on leadership theory, teamwork, communication, entrepreneurship, educational leadership, and intercultural collaboration.
- Collaborated with students from diverse cultural backgrounds in a virtual learning environment.
- Conducted and analyzed a leadership interview with an academic leader, connecting real-world experiences to leadership concepts.
- Developed skills in intercultural communication, teamwork, critical thinking, and leadership reflection.