



Roumaissa Smail

Third year ENSIA Student

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About Me

Passionate AI and software engineering student with three years of hands-on experience building full-stack apps and ML models. Interested in developing intelligent systems that solve real-world problems. Open to internships and AI-focused collaborations.

[My portfolio](#)

Skills

- Problem-Solving & Critical Thinking
- Adaptability & Fast Learner
- Programming Languages:
Python, JavaScript, C++, SQL ...
- Web & Mobile Development:
React, HTML, CSS, Flutter (Dart) ...
- Backend & Databases:
Node.js, PHP, MYSQL, Neo4j ...
- Tools & Platforms:
Git, VS Code, XAMPP, Figma ...
- Data Science & Analysis
- AI/ML & Optimization:
ML, Graph Analysis, Optimization...
- Dev Practices:
Agile (Scrum), UI/UX Principles ...

Education

- Higher National School of Artificial Intelligence**
AI Engineering Student 2022 – Present
Specialization: Artificial Intelligence and Data Science.
Relevant Coursework: Machine Learning, Data Mining, Optimization, Software Engineering, Mathematics, Web & Mobile Development...
Member of several student tech teams and innovation projects.
- Baccalaureate – Experimental Sciences** 2022
Score: Excellent. **Honors:** Graduated with distinction.

Languages

Native: Arabic. **Proficient:** English & French.

Projects

- RDLab – AI-Powered RAG Web App**
proposed by : KABAS 2025
Developed a secure document retrieval tool for industrial companies using GraphRAG. Designed responsive UI with admin features like file uploads and report generation.
- Dual Multi-SIM Detection**
proposed by : Djezz 2024
Data Mining Project. Analyzed telecom datasets to detect users with multiple SIMs using call graph structures, clustering methods, customer profiling, and similarity scoring.
- Driving School Management System**
for : Diban Reda Driving School 2024
Built a management system for student enrollment, scheduling, invoicing, and exam tracking. Included instructor management and auto-generated documents like receipts and convocations, tailored for the school's operations in Mahelma.
- Optimizing Agricultural Supply Chain**
AI Project 2024
Designed a model to optimize the national distribution of agricultural products across Algeria's Wilayas. Balanced production, transport logistics, and regional demand to improve fairness and efficiency using AI planning techniques.
- CareLink – Web Platform for Caregiving Services**
Web Development Project 2023
Developed a responsive web platform connecting caregivers with clients in Algiers, especially for the elderly, disabled, or post-surgery patients. The platform includes caregiver profiles, service requests, and real-time booking.

Activities

- Technopoly Ideathon – Participant**
Proposed an AI-powered **smart city software** solution addressing urban challenges using intelligent automation and data analysis.
- Small Business owner (Clothing Brand)**