Sarra Bousnina

3rd year AI Software Engineering Student

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📍 Tunis, Tunisia　　in linkedin.com/in/sarra-bousnina

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🪪 KEYWORDS

#SoftwareEngineering #AI #LearningOpportunity #Coding #Creativity #EffectiveCommunication

🎓 EDUCATION

Software Engineering　　　　　　　　　　　　　　　　2023 – present
ESPRIT (The Private Higher School of Engineering and Technology)

Pre-Engineering Studies- Mathematics and Physics　　　　　2021 – 2023
IPEIN (Preparatory Institute for Engineering Studies of Nabeul)

💼 PROFESSIONAL EXPERIENCE

AI Software Engineering　　　　　　　　　　　　　07/2025 – 08/2025
mahd.group
Interned at Mahd.Group ⧉ , developing **CorrectMeAI**, an AI-powered web app for automated exam correction.

Software Engineering Internship　　　　　　　　　07/2024 – 08/2024
CTAMA Insurance ⧉
MyCTAMA Insurance App – Mobile app (C#, XAML, .NET MAUI) for news, quotes, claims, and agency locations in Tunisia.

📁 ACADEMIC & PERSONAL PROJECTS

InspireAI　　　　　　　　　　　　　　　　　　　09/2025 – 10/2025
AI-Powered Content Studio (React, FastAPI, PostgreSQL, Groq, OpenRouter, JWT) Built a SaaS platform to generate AI-driven social media posts, Image analysis, personalized chatbot, and JWT authentication and ReAct Agent .

Web app for automated exam correction - CorrectMeAI　　07/2025 – 08/2025
Developed a full-stack app (React.js, Flask, MongoDB) that integrates OCR with LLM to grade scanned exams and provide detailed feedback, and implemented a RAG + ReAct chatbot for interactive queries with memory.

Code + Cure Ai Hackathon - 1st Prize　　　　　　　06/2025 – 06/2025
Won 1st place at the IEEE INSAT Hackathon for "Hack for Drug Discovery," developing **Your Lab Twin AI**, a platform that unifies automated drug discovery steps using agentic AI to accelerate research.

Time management and productivity Web App - TimeForge　01/2025 – 06/2025
1st Prize, Bal des Projets 2025 (Software Engineering) Collaborated with a team of five to build a modular app (Spring Boot, Angular, Python, MySQL) featuring screen-time analytics, distraction detection, mood analysis with DeepFace, and NLP-driven personalized advice.

ManagerApp
Built a Spring Boot + Angular desktop application with CRUD operations and advanced search for efficient employee lookup.

🧠 SKILLS

Soft Skills
Communication, Teamwork, Leadership, Problem Solving, Adaptability, Creativity

Programming languages
Python, Java, JavaScript, TypeScript, C, php, HTML, CSS

Frameworks & Libraries
Spring Boot, Angular,React JS, Symfony, .NET

Tools & Platforms
Git/GitHub, Docker,FlutterFlow,Linux

Databases
MySQL , MongoDB , PostgreSQL

AI/ML tools
Agentic, Ollama ,OpenRouter , groq

Languages
Arabic, English, Frensh, Spanish

📑 CERTIFICATES

Building AI Agents with Multimodal Models - NVIDIA	06/2025
Building LLM App with Prompt Engineering - NVIDIA	06/2025
Fundamentals of Deep Learning - NVIDIA ⧉	03/2025
Scrum Fundamentals Certified - SCRUMstudy ⧉	12/2024
The Git & Github BootCamp - Udemy ⧉	11/2024
Supervised Machine Learning: Regression and Classification ⧉	03/2024

🏠 ORGANISATIONS

DeepFlow - AI Club at ESPRIT   09/2024 – present
Mentor
Guided participants in ML workshops, resolving technical issues and providing hands-on model support.

DeepFlow - AI Club at ESPRIT   09/2023 – 09/2024
Member
• Assisted in machine learning and deep learning workshops.

IEEE - Student Branch at ESPRIT   09/2023 – 06/2024
Member
• Assisted in different programming related workshops.

Robo'pein   10/2021 – 09/2022
Finance Member
• Managed club budgets, tracked income and expenses, and prepared financial reports.

🎻 INTERESTS

• Coding

• AI/DL

• Logistics & Event Planning

• Arts & Creativity