



Sarra Bousnina

3rd year AI Software Engineering Student

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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 – Present
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 TensorFlow, PyTorch, Ollama ,OpenRouter
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 <i>Mentor</i> Guided participants in ML workshops, resolving technical issues and providing hands-on model support.	09/2024 – present
DeepFlow - AI Club at ESPRIT <i>Member</i> <ul style="list-style-type: none">Assisted in machine learning and deep learning workshops.	09/2023 – 09/2024
IEEE - Student Branch at ESPRIT <i>Member</i> <ul style="list-style-type: none">Assisted in different programming related workshops.	09/2023 – 06/2024
Robo'pein <i>Finance Member</i> <ul style="list-style-type: none">Managed club budgets, tracked income and expenses, and prepared financial reports.	10/2021 – 09/2022

INTERESTS

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|------------------------------|---------------------|
| • Coding | • AI/DL |
| • Logistics & Event Planning | • Arts & Creativity |