



Mohamed Aziz MENSI

Software Engineering Student

☎ + (216) 90 066 182

✉ mohamedaziz.mensi@ensi-uma.tn | [in](https://www.linkedin.com/in/aziz-mensi) [aziz-mensi](#) | [github](https://github.com/azme10) [azme10](#)

Objective

Software engineering student passionate about embedded systems and problem-solving. Currently seeking a 2-month summer internship to apply and grow my skills in real-world embedded development projects.

Education

Computer Science Engineering , ENSI - National School of Computer Science	2023 - Present
Mathimacs Physics , IPEIT - PREPARATORY INSTITUTE FOR ENGINEERING STUDIES IN TUNIS	2021 - 2023
Mathematics Baccalaureate , HAMMEM-LIF High School	2017 - 2021

Experience

IA Intern - Talan	Jul 2025 - Aug 2025
building BrandOrbAI—a comprehensive AI-powered platform designed to revolutionize how brands are created, analyzed, and managed. This project is a reflection of my passion for technology, entrepreneurship, and helping businesses unlock their full potential.	
Summer Internship at LARODEC-ISG	Jun 2024 - Aug 2024
Real-time fraud detection in credit card transactions using advanced machine learning techniques.	

Projects

R2C-SLAM.	Jan 2025 - Mai 2025
Designed and implemented a real-time collaborative SLAM system using ROS 2, enabling two low-cost mobile robots to map and navigate environments jointly through robust inter-robot communication and sensor fusion.	
Secure Entry.	Feb 2024 - Mai 2024
Developed an integrated facial recognition access system for ENSI Robotics Association using C/C++, Python, and ESP32, enabling secure entry, equipment control, and real-time resource synchronization.	
AUTOFY.	Jan 2024 - Mai 2024
The project is a web-based application developed using HTML, CSS, JavaScript, and PHP, designed to sell and rent cars online.	
Line Follower Robot.	Dec 2023 - Mai 2024
Designed a competitive line-following robot with PID control and encoders for precise and stable navigation on complex tracks.	

Skills

Programming Languages	C, C++, Java, Assembly, Python, Javascript, VHDL
Machine Learning Technologies	LLMs, RAG, NLP, Machine Learning, Deep Learning
Technologies & Libraries	FastAPI, Streamlit, PyTorch, Hugging Face Transformers, OpenAI API, Pydantic, aiohttp,
Hardware	Arduino, ESP32, Raspberry Pi
Platforms	Windows, Linux, Arduino IDE
Tools	Github, Visual Studio Code
Languages	Arabic (Native), French (B2), English (B2), German (B1)
Soft Skills	Leadership, Team-working, Public-speaking, Problem solving, Critical Thinking and analysis

Contributions

Treasurer	Mai 2024 - Mai 2025
Robotics Association of ENSI	

Certifications & Awards

- Gold prize at talan summercamp 2025.
- Second place at ult1.0 Line follower competition.