



# Mariem Oueslati

Computer Science student at ENSI

Date of birth : 07-04-2003  
[mariem.oueslati@ensi-uma.tn](mailto:mariem.oueslati@ensi-uma.tn)



4 Rue Beb Salam , 3100 Kairouan +216-96100561

[GitHub Profile](#)

[LinkedIn Profile](#)

## Education

---

- 2024-2025 : Computer Science Student  
National School of Computer Science in Manouba (ENSI)
- 2022-2024 :Admission certificate for the engineering schools  
Preparatory institute for engineering schools in Monastir(IPEIM)  
Section : Mathematics and Physics
- 2022 : Baccalaureate Mathematics  
Jeunes Filles High School -KAIROUAN

## Personal Projects

---

- IoT & AI Integration in Tunisian Trams  
Developed with my team a smart transportation concept for the SYP competition, exploring how IoT and AI can enhance tram systems in Tunisia through real-time monitoring, efficiency optimization, and improved user experience.
- Revolutionizing Industrial Zones with Microgrids  
Contributed to the IAS Challenge at TSYP with a focus on implementing microgrid technology to make Tunisian industrial zones more sustainable and energy-efficient.
- Client Account Management App  
Built a command-line application in collaboration with my colleague in C to manage customer accounts, including features for adding, deleting, and updating information.
- Mood-Based Movie Booking Web App  
Developed a web app using HTML, CSS, JavaScript, PHP, and APIs to suggest movies based on user mood, check availability in Tunisian cinemas, support seat selection, and enable ticket booking.
- Responsive Web Design Certification Projects – freeCodeCamp  
Completed 5 projects via freeCodeCamp focused on responsive, mobile-first web design and accessibility.

## Technical Skills

---

- Programming Languages: Python, C++, C, JavaScript, PL/SQL
- Web Development: HTML, CSS, JavaScript (Frontend),Figma
- Databases: Relational Databases, SQL, PL/SQL
- Data Science & Machine Learning: Pandas, Data Visualization, Intro to ML (Kaggle Certified)
- Object-Oriented Programming: Proficient in OOP with Python and C++
- Tools & Platforms: FreeCodeCamp, Kaggle

## Soft Skills

---

- Teamwork & Collaboration
- Problem Solving
- Initiative & Self-Learning
- Presentation
- Adaptability
- Time management

## Certifications

---

- Intro to Machine Learning– Kaggle
- Pandas– Kaggle
- Data Visualization – Kaggle
- Responsive Web Design \_FreeCode Camp
- JavaScript Essentials 1 – Cisco Networking Academy (Verified Badge Earned)

## Languages

---

- Arabic (Native)
- English (Fluent)
- French (Fluent)