Mariem Ouertani *ICT & Software Engineering Student*

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🔗 https://meriemouertani.vercel.app/

🎓 EDUCATION

INSAT, *Computer Networks and Telecommunication Engineering* 🔗
09/2025 – Present
Tunis, Tunisia

INSAT, *Integrated Preparatory Cycle* 🔗
With Honors, ranked 3th out of 86.
09/2023 – 05/2025
Tunis, Tunisia

💼 PROFESSIONAL EXPERIENCE

Iliade Consulting, *RPA Developer, SAP Consultant (Internship)* 🔗
07/2025 – 08/2025
Tunis, Tunisia
- Designed and developed an invoice automation robot in SAP IS-U using UiPath.
- Applied artificial intelligence and computer vision techniques to optimize interactions with the SAP interface.
- Project analysis and management.

ATB Bank, *Customer and Service Representative* 🔗
07/2024 – 07/2024
Tunis, Tunisia
- Gained a deeper understanding of banking operations and customer service.

🗂 PROJECTS

Ecological Robot Fleet Management (Java / OOP), *Academic Project* 🔗
04/2025 – 05/2024
- Engineered an advanced Java simulation to manage delivery robots, with a focus on sustainability and energy efficiency.
- Applied core **Object-Oriented Programming (OOP)** principles including inheritance and polymorphism to build a robust and maintainable software architecture.
- Implemented key features such as intelligent idle mode and battery optimization to reduce the project's ecological footprint.
- Developed a graphical user interface (GUI) using Swing for real-time monitoring of robot status and energy metrics.

Network Programming and Sockets Project, *Academic Project* 🔗
03/2025 – 05/2025
- Developed a client/server binary calculator using Python, applying a deep theoretical understanding of TCP/UDP protocols and the socket lifecycle.
- Implemented robust client-server communication via UDP sockets, with the server handling multiple clients simultaneously using threading.
- Simulated real-world network challenges like packet loss and delays to test the application's resilience.

INSAT Platform, *Volunteer Project*
02/2025 – 04/2025
- Developed a web-based platform to centralize university resources and information for students, including schedules and course materials.
- Designed and implemented a chatbot to answer student queries, providing an interactive and efficient way to access information.
- Built a user-friendly Single Page Application (SPA) using React.js, ensuring a seamless and responsive user experience.

🧠 SKILLS

| Python, C, C++, Java | JavaScript, HTML/CSS, Bootstrap, PHP, Symfony, ReactJS | Git, GitHub | UI/UX | Linux |

| Networks | AI Fundamentals & Data Science Notions | IOT Basics | Uipath | Analytics, Linear Algebra |

| Communication, Teamwork, Time Management, Agile Scrum, Organization, Critical Thinking, Problem Solving |

🌐 LANGUAGES

| **Arabe:** Native | **French:** Bilingual | **English:** Fluent | **German:** Basic |

🎖 CERTIFICATES

- Certified Courses in Data Science, AI, Machine Learning, Deep Learning, NLP, LLM, AI Ethics, Computer Networks such as CCNA1 & CCNA2, Cloud, DevOps, IoT, Linux, CyberSecurity Fundamentals, and Web Development from companies including Google, IBM, AWS, Cisco, NVIDIA, Linkedin, Orange Digital Center, Huawei. 🔗

🏛 ORGANISATIONS

Junior Entreprise
09/2024 – Present
Tunis, Tunisia
Actively contributed to the organization of major events.

IEEE INSAT SB
09/2023 – Present
Tunis, Tunisia
Managed event organization.