Rania HADDAJI

Final-Year Student in Computer Engineering (IOT and Embedded Systems Specialization)

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EDUCATION

Higher Institute of Information and Communication Technologies (ISTIC) – Borj Cedria
Bachelor's in Computer Systems Engineering (IoT and Embedded Systems Specialization) **2023 – Present**

Baccalaureate in Computer Science – Borj Cedria High School **2023**

TECHNICAL SKILLS

Programming: C, C++, Python, JavaScript, PHP, SQL
Web & Mobile: HTML, CSS, REST APIs, Flutter
Databases: MySQL, Firebase
IoT & Embedded: PSoC, STM,ESP, Sensors Integration
Tools: Git, GitHub, Android Studio, VS Code, Postman, Vercel

ACADEMIC & PROFESSIONAL PROJECTS

Stress Level Prediction – Deep Learning (MLP) (12/2025)

Deep Learning model for stress level classification using lifestyle data; full ML pipeline, regularization, and performance evaluation with standard metrics

Python, TensorFlow/Keras, Scikit-learn

AIZTIC – AI Learning Platform – Aizu University (Japan) & ISTIC (Tunisia) (PFA Internship, 08/2025)
AI-based platform improving professor–student communication , mentoring and education.
Flutter, Python, Firebase, Ollama, OpenAI

ISTICONNECT – University Platform (04/2025)
Centralized access to ISTIC resources (library, administration, clubs).
HTML, CSS, JavaScript

Smart Mailboxes – La Poste Tunisienne (Summer Internship, 07/2024)
IoT solutions for automated mail counting, OCR sorting, and real-time monitoring.
Sensors, Computer Vision, IoT Architecture

MEDISTIC – Medicine Search Platform (2024)
Medicine availability search with stock notifications and pharmacy locator.
HTML, CSS, JavaScript

E-Commerce Mobile App (MINHAJ) (2024)
Clothing store app with cart, checkout, and product management.
Flutter, Firebase

ACHIEVEMENTS

3rd Place – IDEATHON ISTIC x University of Aizu 2.0 (2025)

4th Place – Best Orator Contest ISTIC 2.0 (2024)

LANGUAGES

Arabic (Native) | French (Fluent) | English (Advanced) | Italian (B1)