

# BOUTHEINA RJAB

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## PROFILE SUMMARY

Motivated Computer Engineering student specializing in Web Development, Artificial Intelligence, and Data Science. Strong experience in building full-stack web applications and intelligent systems. Passionate about developing practical solutions, clean interfaces, and data-driven applications.

## TECHNICAL SKILLS

Programming: Python, Java, JavaScript, C

Web Development: React, Symfony, Node.js, Express, HTML, CSS, TailwindCSS

AI & Data: Machine Learning, Computer Vision, Data Analysis

Databases & Tools: MySQL, MongoDB, Git, GitHub, Linux

Concepts: OOP, MVC Architecture, REST APIs

## EXPERIENCE

### Web Development Intern – NeuralBey | Jul – Aug 2025

Developed responsive web interfaces using React.js and integrated REST APIs with a Django backend, focusing on clean UI/UX and component reusability.

### AI & Data Science Intern (Final Year Project)–Monastir Habib Bourguiba International Airport |2024

Built an intelligent airport assistant robot (Aerobot) using computer vision and data scraping to display real-time flight information.

### Web Development Intern – YOUPTECK | Jul – Sep 2023

Contributed to the development of a WordPress website, including content integration in French and English.

## PROJECTS

### DENTAL X-RAY DIAGNOSIS – CNN MODEL (MACHINE LEARNING) | 2026

Built an automatic system to classify 6 dental pathologies using OPG X-Ray images.

*Technologies:* Python, TensorFlow/PyTorch, NumPy, Pandas.

### NUTRISMART PLATFORM | 2025

Developed a cross-platform nutrition tracking application (desktop: JavaFX, web: Symfony) with MySQL database. Recognized as one of the best projects and selected to participate in ESPRIT's Project Showcase.

*Technologies:* Symfony, JavaFX, MySQL

## EDUCATION

Currently pursuing : Computer Engineering

AI & Data Science Specialization | 2024 – Present - Esprit Monastir, Tunisia

Bachelor's Degree in Electronics, Electricity, and Automation (Industrial Computer Science) 2021–2024

Higher Institute of Applied Sciences and Technology of Mahdia (ISSATM), Tunisia

Technical Sciences Baccalaureate | 2021 - Mahdia, Tunisia

## TRAININGS & CERTIFICATIONS

Insight Cybersecurity Hackathon—Certificate of Participation | IEEE ESPRIM Student Branch-Nov 2025

Participated in a cybersecurity hackathon focused on security challenges and teamwork.

Bal des Projets (12th Edition)—Certificate of Participation | ESPRIT, 2025

IoT, AI & Big Data Workshop—APII Mahdia | 2025

Connected Objects Symposium—APII Mahdia | 2025

## LANGUAGES

Arabic: Native

French: Fluent

English: Professional Working Proficiency

## SOFT SKILLS

Teamwork • Critical Thinking

Problem Solving • Time Management

Adaptability • Communication