



# SAADAOUI OUSSEMA

## COMPUTER SCIENTIST

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Saadaoui oussema

Goubellat, Béja, Tunisie

## EDUCATION

### High School Diploma in Computer Science

Higher Institute of Applied Languages and Computer Science of Béja

September 2022 – June 2025

### Certificat PYTHON

PROJET ELLEVATE ACADEMIES  
2023

### Bachelor's in

### Informatique

2022

## SKILLS

- Full-Stack Development: React.js, Node.js, MongoDB, Express
- Machine Learning: Data analysis, creation of predictive models
- Web Development: HTML, CSS, XML, PHP, JS, SQL
- Programming Languages: C, Python, Django, Java
- Mobile Development: Android Studio Tools: Docker, Git, APIs RESTful
- Project Management: Planning, managing cross-functional teams, respecting deadlines and budgets

## LANGUAGES

- ENGLISH
- FRENCH
- ARABIC

## PROFILE

Computer Science graduate with a strong academic background and hands-on experience in building and managing web applications. Focused on Full-Stack Development (React.js, Node.js, MongoDB) and exploring emerging technologies such as artificial intelligence. Skilled in problem-solving, project management, and delivering efficient software solutions. Collaborative, adaptable, and eager to take on new challenges within innovative teams.

## PROFESSIONAL EXPERIENCE

Member

Enactus ISLAIB

2023 – 2024

Project supervision in collaboration with multidisciplinary teams. Planning, resource management, and budget monitoring to ensure the success of initiatives.  
Development of innovative solutions using modern web technologies.

### Machine Learning Project

Heart Attack Detection

2024

- Analysis and preparation of a medical dataset to train a predictive model.
- Development of a binary classification algorithm to detect heart attacks.
- Implementation of an operational solution to predict attack risks in real time.

### internship

National Institute of Statistics (INS), Tunis

February – June

Final Year Project – Data Wise

2025

- Development of an intelligent web application for data visualization and analysis.
- Integration of an AI assistant capable of generating SQL queries from natural language statements (BERT + T5 models).
- Features: dashboard creation, Excel/CSV file import and cleaning, collaborative project and task management.
- Technical stack: React, Node.js, FastAPI, MongoDB, Python, Kaggle, Figma.

ARA Company

July – August 2024

- Web application development with React.js and Node.js.
- MongoDB database management and RESTful API creation with Express.js.
- Delivery of solutions tailored to client needs within the given timeframe.

Tunisie Télécom

August 2023

- Participate in the maintenance of telecom infrastructure and the improvement of network performance.
- Collaborate on network and communications projects to optimize existing systems.