



Oussama Dhia Arouay

Software Engineering Student

Monastir, Tunisia

✉ oussamaarouay@gmail.com ☎ +216 92 589 103 🔗 linkedin.com/in/arouay 🐙 github.com/oarouay

EXPERIENCE

PROXIWEB

Intern Full Stack Web Developer Jun 2024 - Aug 2024, Djerba, Tunisia

AI-Enhanced Todo List Application

- Built a full-stack MERN app with AI-powered task generation.
- Developed RESTful APIs for authentication and task management.
- Integrated Google's Gemini for automatic task suggestions.
- Secured authentication with JWT and bcrypt.
- Implemented error handling and input validation.
- Managed data with MongoDB and Mongoose.
- Developed dynamic front-end with React.js and API integration.

Technologies: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, Google Generative AI (Gemini)

🔗 Link to code

PROJECTS

Cloud Resume Challenge

(Azure Edition) 06, 2024

Solution: Developed and deployed a cloud-based resume website with a dynamic visitor counter.

Features:

- Created a responsive resume using HTML, CSS, and JavaScript.
- Implemented a real-time visitor counter using an Azure Function API with C Sharp.
- Integrated the counter with Azure Cosmos DB for data storage and retrieval.

Technologies: HTML, CSS, JavaScript, Azure Functions, Azure Cosmos DB, Azure Storage

🔗 Link to code

Simulation Mini Project

(Python Application) 11, 2023

- Developed a Python application to help casinos maximize revenue using Monte Carlo simulations.
- Implemented Monte Carlo simulation for statistical modeling and analysis.
- Visualized simulation results and insights using Matplotlib.

Technologies: Python, Matplotlib

🔗 Link to code

Certification

IBM-Coursera

Tools for Data Science V2 🔗 Link

2024,

IBM-Coursera

Data Science Orientation 🔗 Link

2024,

SUMMARY

As a final-year Computer Science student at ISIMM, I'm looking for an internship to apply what I have learnt in terms of technologies in these 3 years. I have learned best practices in programming across multiple languages and tools, enhancing my ability to tackle a range of challenges. I'm also a self learner and I'm open to tackle hard problems.

EDUCATION

ISIMM

Monastir, Tunisia

Bachelor's degree in computer science

Currently in final year, Expected

Graduation 06/2025

Lycee Houmet

Djerba, Tunisia

Souk

Baccalaureate in Computer Science

Graduated with Honors, 2022

SKILLS

Programming

Java, Python, JS

Web Development

MERN

Database

MySQL,
MongoDB

Tools, Technologies

Git, GitHub,
PyCharm

Misc.

Matplotlib,
NumPy,
Microsoft Office,
Odoo, L^AT_EX

LANGUAGES

- Arabic (Native)
- English (Intermediate)
- French (Intermediate)

COMMUNITY LIFE

The Code Bey

Monastir, Tunisia

Competitive Programming Club

Vice-President

Aiesec Ruspina

Monastir, Tunisia

IGT Member