

Oumayma Ayachi

Software Engineer

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EXPERIENCE

Full Stack Developer Intern | PFE - ESPRIT, Tunisia

April 2024 - September 2024

- Analyzed data trends to refine SEO tactics, resulting in an increase in organic search traffic and improved content visibility across major platforms within just six months of implementation.
- Successfully integrated front-end and back-end technologies to create a seamless user experience while employing data science techniques for personalized recommendations. Achieved a high predictive accuracy of approximately 90% through model.

Backend Developer Intern - Caustaza Group LTD

June 2023 - August 2023

- Created an intelligent recruitment system and attained 97% coverage using pytest.
- Implemented an AI model multilingual chatbot with Rasa and collected personal data.

Frontend Developer Intern - Spectrum Lab Tunisia

July 2022 - August 2022

- Generated two macros using Forge UI and React to enhance user experience and productivity in Confluence.

Full Stack Developer Intern | PFE - TADA Tunisia, Monastir

January 2021 - June 2021

- Developed a comprehensive quiz test web application using the MEAN stack (MongoDB, Express.js, Angular, Node.js).
- Designed and implemented the backend architecture, including database schema, RESTful APIs, and server-side logic.

EDUCATION

Engineering Degree in Computer Science from ESPRIT - Tunisia, Ariana

September 2021 - July 2024

Specialty: Web and Internet Technologies (TWIN)

Bachelor's degree in Computer Science from ISIMM - Tunisia, Monastir

September 2018 - July 2021

Specialty: Computer Systems and Software

High School Diploma in Experimental Sciences from Dar Lamem - Tunisia, Kairouan

September 2017 - July 2018

ACADEMIC PROJECTS

Down To Work | PFA

ESPRIT | February 2023 - May 2023

- Integrated advanced features including facial recognition AI, free courses with certification, and adaptive quiz tests.
- Engineered frontend and backend components using Mern stack, and Bootstrap, with project management handled through Jira.

Meta Tech | PFA

ESPRIT | January 2022 - May 2022

- Achieved three versions for the E-commerce application, including a desktop application built with Java, JavaFX, and NetBeans, a web platform using Symfony 4 and PHP, and a mobile application using Codename One.

Certification

Python for Data Science Certificate, IBM, Achieved proficiency in data manipulation.

Python Basic Certificate, Hackerrank, Solidified fundamental knowledge in Python programming.

Data Analysis with Python Certificate, IBM, Mastered data visualization.

ADDITIONAL

- **Technical Skills:** Python, Java, JavaScript, C, HTML5, CSS3, Angular, React, NodeJS, Django, Spring Boot, SQL, MongoDB, Elasticsearch, Git, GitHub, Docker.
- **Soft Skills:** Facilitated effective communication and collaboration within diverse teams, navigated team dynamics effectively, encouraged collaboration and empathy, ensured timely project delivery through effective prioritization, applied creativity to enhance solutions, and exhibited leadership in guiding team initiatives.
- **Language Skills:** English (B2), French(B2), Arabic (Native).