Moemen Khchimmadi

Full Stack Engineer

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Summary

Currently a computer engineering student, I am looking for an end-of-study internship.

Education

National School of Engineers of Carthage　　　　　　　　　　　　**Sep 2022 - Present**
Engineering degree in computer science

Preparatory Institute for Engineering Studies of El Manar　　　　　　**Sep 2020 - Jun 2022**
Pre-Engineering, Mathematics and physics

Professional Experience

Summer Internship: Full Stack Developer　　　　　　　　　　　　**Jul 2024 - Sep 2024**
Daleelteq

Form template generator

- Created dynamic elements with a drag-and-drop interface for easy repositioning, while also enabling configuration through dialogs to customize its properties.
- Implemented form elements, such as text fields, checkboxes, and sections, etc.
- Integrated Camunda for business processes related to the forms.
- Installed and runned the application in different environments via Docker.

Technologies used: Angular CDK, Tailwind, Spring Boot, Camunda, Docker and PostgreSQL

Summer Internship: Data Analyst　　　　　　　　　　　　　　**Jul 2023 - Aug 2023**
Cleanolia france

- Generated graphs from website visitor data to produce statistics using Looker Studio, along with libraries like Pandas and OS for enhanced data analysis.

Technologies used: Python, Excel and Jupyter Notebooks

Projects

E-learning Web Application　　　*Github*　　　　　　　　　　**Mar 2024 – May 2024**

- Developed a secure and scalable backend using Spring Boot and Spring Security, ensuring seamless user authentication.
- Created a dynamic user interface with Angular, enhancing user experience through responsive design.
- Implemented unit testing with JUnit to ensure code quality and reliability.

Technologies used: Angular, Spring Boot, Spring Security, JUnit, Git and MySQL

Galaga game　　　*Github*　　　　　　　　　　　　　　　　**Dec 2023 – Feb 2024**

- Developed a modern Galaga game using Java and JavaFX, providing smooth graphics and interactive gameplay mechanics.
- Created an intuitive user interface with FXML, allowing for easy navigation and enhanced player experience.

Technologies used: Java, JavaFX and FXML

Skills

Languages: Java, C++/C, Python, TypeScript, JavaScript, C#, PL/SQL, HTML, CSS

Technologies: Angular, Spring Boot, Node.js, Express.js

Tools/DevOps: Git, Docker, Camunda

Data base: PostgreSQL, MongoDB, MySQL

IDE: Visual Studio, IntelliJ, Eclipse, PyCharm

Community Life

Member of CPC Enicarthage　　　　　　　　　　　　　　　　**Oct 2022 - Present**

Junior Member of Melkart Junior Enterprise　　　　　　　　　　**Oct 2021 - Mar 2023**

Media Manager at Dynamic IPEIEM　　　　　　　　　　　　　**Mar 2021 - Feb 2022**

Language

Arabic: Native　　　　**English:** Bilingual　　　　**French:** Bilingual

Interests

Problem solving　　　　**Innovation**　　　　**Chess**