MAJJID AYOUB

Future Software engineer

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SKILLS

Front-End Development
- Figma, HTML, CSS, JavaScript, React,NextJs,Bootstrab

back-End Development
- Python && Flask
- java && spring boot
- c# && ASP.NET

Hosting and Deployment
- GitHub/Git (Git Flow Strategy)
- Docker

Programming Languages
- C, C++, Python(NLP...), JavaScript, Arduino, Visual Basic, Bash, Java

Database Management
- MySQL (SQL), Oracle (SQL/PLSQL), SQL Server,H2

Software Engineering Principles
- Data Structures and Algorithms
- Object-Oriented Programming
- Problem-Solving
- SOLID Principles
- Design (UML/Merise)

LANGUAGES

English : **C1**

French : **B2**

Arabe : **C1**

About me

I am Ayoub Majjid, a fourth-year student in Computer Engineering and Networks at EMSI. Passionate about innovation and web development, I have gained solid experience through personal projects and internships at Poste Maroc and CNIPE,

I am currently seeking a final year project internship (PFA) to apply my skills to innovative projects and contribute to ambitious technological solutions.

Education

octobre 2020- 2021
Chkail School Group (AIN ATIQ)
Baccalaureate in Experimental Sciences – Physics Option

octobre 2021- Present
Moroccan School of Engineering Sciences (EMSI):
Engineering in Computer Science and Networks 2021 to 2026

I am currently in my fourth year at the Moroccan School of Engineering Sciences (EMSI).

PROFESSIONAL EXPERIENCE

Internships :   references : https://qrc.sh/jGQwh

Poste Maroc (Barid Al Maghrib) – June 2024
- **Duration:** 2 months
- **Location**: Rabat, Morocco
- **Subject:** Developed a unified system for the "Courier" and "Coles" interfaces.

- **Missions:**
  - Designed an intuitive and responsive user interface using **HTML**, **CSS**, and **JavaScript.**
  - Built a robust backend logic in **Python** with **Django** to integrate and manage the functionalities of both interfaces with **SQL Server**.

CNIPE- July 2024
- **Duration:** 3 months
- **Location:** Rabat, Morocco
- **Subject:** Developed a MOOC platform.

- **Missions:**
  - Designed an interactive and responsive user interface using **HTML, CSS**, and JavaScript.
  - Built a robust backend system with **Flask** to manage courses, videos, and users with **MongoDB.**

Workshops:

INTELLCAP SARL MAROC · December 2024- Present
- **Location**: Rabat, Maroc
- **Job title:** Web Developer

- **Missions :**
  - Worked on multiple innovation projects in web development.
  - Collaborate with multidisciplinary teams to design advanced technological solutions.
  - Test, deploy, and optimize web applications to ensure performance and security.

CERTIFICATES

- <u>React js,Udemy</u>
https://shorturl.at/aeSGo

- <u>HTML, CSS, and Javascript for Web Developers</u>:
https://shorturl.at/7hhP1

- <u>Introduction to OOP (in C++)</u>
https://shorturl.at/myR1Y

- <u>Introduction to Java and Object-Oriented Programming</u>
https://shorturl.at/IvabO

- <u>Unix System Basics</u>
https://shorturl.at/fZV9Z

HOBBIES

- Technological Exploration
- Artistic Creativity
- Outdoor Activities
- Online Community
- Video Editing

PERSONAL PROJECTS

Web Projects:

I have worked on over 20 projects, leveraging my web development skills to create high-quality user experiences. Here are some of my most notable projects:

- **Social Media Application**
  - Developed a dynamic platform inspired by social networks with secure interactions using **HTML**, **CSS**, and **JavaScript**.
  - Implemented versatile features to provide an immersive and seamless user experience.
  - Duration: 1 month

- **SAFAR**
  - Created a fictional travel and adventure company with a personalized guide powered by an AI chatbot using **HTML**, **CSS**, and **JavaScript**.
  - Developed custom travel plans and eco-friendly options, using **Flask** for the backend and **MongoDB** for data storage.
  - Duration: 2 months

- **MRBOOKING**
  - Developed a travel booking platform similar to Booking.com using **React** for a modern user experience.
  - Integrated hotel and flight booking options, with data management via **SQL Server** and **Express.js** for a robust backend.
  - Duration: 2 months

Console Projects:

In addition, I have worked on over 11 projects in **C++**, demonstrating my expertise in console-based programming. Here are some of my most notable **C++** projects:

- **Flight Management System:**
  - Developed a passenger and flight information management system in **C++**.
  - Implemented date management and flight-related operations.
  - Used **JSON** for efficient data storage and retrieval.
  - Integrated a web interface to display flight-related data.
  - Duration: 1 month

- **Traffic Management System**
  - Created a road traffic management system in **C++** based on object-oriented programming.
  - Implemented vehicle management and traffic monitoring functionalities.
  - Optimized memory management and system performance.
  - Duration: 1 month

Desktop projects:

- **Audit Management System**
  - Developed a robust **Java** desktop application to help organizations efficiently manage audits, auditors, and compliance with recognized standards.
  - Designed an Auditor Dashboard to manage audits, assign audits to companies, and track audit progress.
  - Built an Admin Dashboard with full CRUD functionality for managing management systems, standards, clauses, processes, sites, organizations, and auditors.
  - Implemented **JSON** Data Storage to ensure a lightweight and easy-to-deploy system