

HADDOUCHE Oussama

Motivated computer engineering student seeking a challenging internship to apply my knowledge and develop my skills. Passionate about technology and creation, I have solid experience in web development and a strong foundation in object-oriented programming (C++).

I am also creative and artistic, as evidenced by my personal projects in game design and music creation. Adaptable and eager to learn, I am capable of working independently and in a team.

Nationality Moroccan Place of birth Casablanca
Date of birth 11/07/2002

Formation

Engineering Diploma, National School of Applied Sciences (ENSA), Safi

September 2021 — July 2026

Relevant courses:

- System Engineering
- Computer-Aided Design
- Advanced Programming
- Project Management

Links

[My LinkedIn profile](#)

[My GitHub profile](#)

Skills

Technical Skills

I have a solid foundation in object-oriented programming (C++) and practical experience in web development. I am proficient in frontend languages (HTML, CSS, JavaScript) and backend technologies (NodeJS) for creating dynamic and interactive websites. In addition, I have knowledge of versatile programming languages such as Java and Python, which allows me to adapt to different development environments. I also use common development software such as Git and Visual Studio Code for effective collaborative work and rigorous code management. Furthermore, my ability to quickly learn new technologies and programming languages ensures that I can meet the evolving needs of the industry.

Soft Skills

In addition to my technical skills, I am an adaptable, curious, and eager-to-learn individual. I am capable of working independently and managing my time effectively to successfully complete projects within deadlines. I am an excellent problem solver, capable of analyzing technical challenges and developing innovative solutions. Lastly, I am creative and passionate, which allows me to approach challenges with innovative solutions.

Personal Projects

— Private Nursing School Website (Under Development)

Description

I designed and developed a user-friendly website for a private nursing school. This project implemented my frontend and backend development skills. I used React to create a responsive user interface and NodeJS to handle server-side functionalities. [Link](#)

— MathLang Interpreter (C++) (Work in Progress)

Description

I developed an interpreter for MathLang, a custom programming language designed for mathematical expressions and calculations. This interpreter implements features such as support for functions, variables, and arithmetic or logical operations. [Link](#)

Skills

Frontend development (React), backend development (NodeJS), user interface (UI) design.

Tools

HTML, CSS, React, NodeJS, TypeScript, React Bootstrap, Visual Studio Code, Photoshop, Illustrator

– PersonalHub (in C)

Description

I participated in the development of PersonalHub, a personal electronic agenda similar to a planner. This project was carried out in C and used the PDCurses library to create console mode interface elements. Interface elements such as buttons and text fields were developed from scratch, allowing for a complete customization of the user experience. The project also implements a registration and login system using these same interface elements, and using common encryption algorithms to secure user data. [Link](#)

Skills

Programming in C, console mode interface development (PDCurses), user interface (UI) design.

Tools

PDCurses Library, C, Code::Blocks

Skills

Object-oriented programming (C++), syntax analysis, code execution.

Tools

CMake, Git, Boost C++ Libraries, Visual Studio Code

Languages

 **Arabic** Native Speaker

 **French** Good Command

 **English** Highly Proficient

Interests

- Mathematics & Physics
- Art & Design
- Game Design & Development
- Animation