

# ALI ABDOU

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**GitHub**

## EDUCATION

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### 1337 coding school

Degree in computer science

Khouribga, Morocco

November 2021 - November 2023

## SKILLS

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Programming Languages: C, C++, JavaScript, Typescript  
Libraries/Frameworks: React JS, Redux, NestJS, Angular  
Tools / Platforms: Docker, Git  
Databases: mariadb, PostgreSQL

## PROJECTS / OPEN-SOURCE

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### ft\_containers | [Link](#)

*C++, data structures and algorithms*

Reimplement some containers from the STL (vector, map, stack, Set && their iterators, const iterators, reverse iterators) [C++98]

### Webserv | [Link](#)

*C socket API, Network Programming, NGINIX*

This project was designed to provide individuals with the opportunity to develop their own HTTP server and test it using a real web browser. As one of the most commonly utilized protocols on the internet, understanding HTTP and its intricacies can be beneficial for individuals in various fields, even beyond website development. By delving into the technical details of HTTP, individuals can gain a deeper understanding of how websites and the internet function. Participation in this project demonstrates a commitment to expanding one's knowledge and technical skill set in a practical and applicable manner.

### cub3D | [Link](#)

*C, mlx graphic library*

This project is a 3D game created from scratch written in C using an old graphic library mini-libx, presented with an old technology raycasting to make the 3D feeling looks pretty good

### Inception | [Link](#)

*Docker, WordPress, Nginx, MariaDB, System administration*

Experienced in system administration, with a strong background in Docker virtualization and virtual machine technology. Proficient in creating and managing multiple Docker containers, such as Nginx, WordPress, and MariaDB, and ensuring seamless communication between them to host a functional website. Developed and managed a personal virtual machine for Docker image virtualization, enabling efficient deployment and management of the containers. Successfully streamlined container creation and deployment processes, reducing overall system administration time and improving website performance.

### minishell | [Link](#)

*C, Unix logic*

The objective of this project is to create a simple shell and learn a lot about processes and file descriptors. The existence of shells is linked to the very existence of IT. At the time, all coders agreed that communicating with a computer using aligned 1/0 switches was seriously irritating. It was only logical that they came up with the idea to communicate with a computer using interactive lines of commands in a language somewhat close to english. With Minishell project, we'll be able to travel through time and come back to problems people faced when Windows didn't exist.