



# Mohammed Abed Hassani Idrissi

Software Developer , [1337](#) Alumn ([42-Network](#))

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## ABOUT

Over two years of focused learning and hands-on project-building have given me the confidence to contribute value in any digital-focused environment, regardless of tech stack or tools. My journey began with online platforms like Codecademy and freeCodeCamp, where I explored Ruby, JavaScript, and Responsive Web Design. I later joined [1337](#), a high-quality peer-learning program, where I completed 24 challenging projects—solo and team-based—across various domains, including Full-Stack Web Development, OOP, Algorithms, Multithreading, Unix Systems, Virtualization, Gaming, and DevOps.

This experience taught me how to independently learn, adapt, and deliver in real-world scenarios with people from diverse backgrounds. Some of my projects are listed below.

## PROJECTS

### **Transcendence (Team)**— A Full-stack Web Development Project

Using the SPA implementation, I built the entire front end of our Pong game platform from the ground up in Vanilla JS with a responsive UI using HTML, CSS, and Bootstrap that promised a smooth user experience. I also helped my four teammates in the other aspects of the process, and the linking phase was also a rich yet tedious experience.

### **Webserv (Team)**— Building an Nginx-like web server with C++

Developed a custom web server inspired by Nginx, gaining comprehensive knowledge of HTTP protocols, server architecture, and socket programming. My primary responsibility was implementing the POST method, including support for binary data, chunked transfer encoding, multipart boundaries, and parsing client requests for accurate processing.

### **Inception (Solo)**— A System Administration project

Designed a dynamic WordPress Web App using Docker. Created custom Dockerfiles to define rules for building each container from scratch, adhering to the project's restriction on using pre-built images from the Docker Hub. Configured Nginx as the web server and MariaDB for database management, ensuring seamless deployment and scalability.

### **MiniShell (Team)**— Developing a Simple UNIX Shell in C

It is a small UNIX Shell that resembles Bash.

*Additional curriculum and personal projects are available on my [GitHub](#) repositories.*

## EDUCATION

### **42 Pool and 42 Cursus**, Benguerir— [1337 Coding School](#), [UM6P](#)

Jun 2022 - Current

### **Bachelor of Fundamental Studies in Management**, Fes— [USMBA](#)

Sep 2015 - Jul 2020

### **Bac SVT**, Fes— [Youssef Bin Tachafine High School](#)

Sep 2011 - Jun 2015

## CERTIFICATIONS

**Learn Node.js Course** — [codecademy](#), Feb 2025

**Front End Development Libraries** — [freeCodeCamp](#), Nov 2024

**Learn React Course** — [codecademy](#), Oct 2024

**JavaScript Algorithms and Data Structures** — [freeCodeCamp](#), Sep 2024

**Learn Intermediate JavaScript Course** — [codecademy](#), Aug 2024

**Learn Bootstrap Course** — [codecademy](#), Jul 2024

**ALX AiCE - AI Career Essentials** — [alx\\_africa](#), Apr 2024

**Responsive Web Design**— [freeCodeCamp](#), Oct 2021

## SKILLS

**Frontend development:** HTML, CSS, JavaScript, Bootstrap, React, Responsive web design.

**Backend development:** Node.js, Express.js.

**Software Development:** C, C++, Object-Oriented Programming (OOP), Make

**DevOps & Tools:** Docker, Virtualization, Google Workspace, Shell Commands