

Bouchra Bendiouri

Software developer

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SUMMARY

I'm Bouchra, a dedicated Full Stack Web Developer and student at **1337 Coding School** (UM6P), with a strong passion for programming and building real-world solutions. I specialize in front-end development, with solid experience in **vanilla JavaScript**, **HTML**, and **CSS—crafting** responsive, user-friendly interfaces without relying on frameworks. I'm equally comfortable working on back-end logic, ensuring smooth and secure client-server communication. I thrive in collaborative environments and take pride in writing clean, efficient, and maintainable code that delivers meaningful impact.

TECHNICAL SKILLS

- **Languages:** C/C++, JavaScript, HTML/CSS, Bash.
- **Frameworks & Tools:** NodeJs, Git, Docker, Postman, Django.
- **Database:** PostgreSQL.
- **Design tools:** Figma.

WORK EXPERIENCE

FT_TRANSCENDENCE | Full Stack Web Developer

- Built a one-page full-stack web application featuring the classic Pong game to enhance user interactions.
- Integrated real-time chat using Django Channels (**WebSockets**) for seamless communication.
- Developed the chat interface and **responsive UI** using vanilla JavaScript, HTML, CSS, and Django, ensuring a smooth and engaging user experience.

IRC Project | Network Programming

- Build a simplified **IRC server** in C++ using sockets and the RFC 1459 protocol.
- Handle client actions like nicknames, channels, messaging, and core IRC commands.
- Achieved multiplexing using non-blocking sockets and the **select** function.

Inception | Web Server Security s Efficiency Enhancement

- Developed a **Docker-based** project to enhance web server security and performance.
- Configured NGINX with TLSv1.2/1.3 to enable secure HTTPS traffic.
- Deployed WordPress and MariaDB containers with seamless integration using Docker Compose.

EDUCATION

1337 Coding School (UM6P) | Computer Programming Bootcamp

- Software Engineer ; Level 11.29.

Al Mourabitoun High School

- International Baccalaureate French Option (BIOF) in physics and chemistry.