Mehadjeri Rayan

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📅 Jun 15, 2000   in linkedin.com/in/rayan-mehadjeri   ⭘ github.com/Rmehadje

👤 Profile

I am a dedicated developer with a strong focus on coding in C, C++, JavaScript, HTML, and other web and system languages. My passion lies in creating efficient and scalable solutions while continuously learning new technologies to enhance my skills.

💼 Professional Experience

General Secretary
Geophysical Club USTHB
Jan 2020 – Jan 2021 | Algiers, Algeria
Administrative duties

Vice President
Geophysical Club USTHB
Jan 2021 – Jan 2022 | Algiers, Algeria
Promoted to Vice President; organized and attended multiple field trips, fairs, and extracurricular classes, primarily focused on coding languages and machine learning.

AR guide for the group "Nico And the navigators"
Heilbronn Theater
Heilbronn, Germany
Collaborated on synchronizing Augmented Reality glasses for several theater productions, ensuring that any technical issues were promptly resolved during performances.

🌐 Languages

English	●●●●●
French	●●●●●
Arabic	●●●●●
german	●●○○○

🎸 Interests

- Coding challenges/ Hackathons
- Solving logical Puzzles
- Translating Mathematical concepts into code
- Developing Algorithmic Solutions for Complex problems
- Music and Instruments
- Foreign Languages

🎓 Education

C/C++ Course
42Heilbronn
Mar 2023 – present | Heilbronn, Germany

Bachelor's Degree in Geophysics
Science and Technology USTHB
Sep 2018 – Jul 2021 | Algiers, Algeria

📁 Projects

Ft_Transcendence
Django, PostgreSQL, with a JS/HTML/Bootstrap frontend.
A gaming platform featuring Pong and Riccochet Robots, where users can create accounts, edit profiles, play games, host tournaments, and chat in real-time, it uses Redis, Daphne, and WebSockets for a seamless, real-time experience. Deployed efficiently with Docker Compose.

Ft_IRC
C++, Makefile
An application-level Protocol used to send messages in real-time, the messages are either sent to channels with multiple users or could be sent privately as well, also equipped with a multitude of commands for profile and channel creation with a bot that helps you through your tasks!

Cub3D
C, Makefile
A real look back at one of the pioneers of shooter games (DOOM) and recreating the tracing system they developed through C, with a solid implementation for Wall collision,

Inception
PHP, MySQL, Nginx, Docker
Developed a scalable and efficient WordPress LEMP stack using Docker Compose, facilitating seamless deployment and management of WordPress applications within a personal virtual machine. The project leveraged Alpine Linux or Debian Buster to optimize performance and resource utilization.