REDA ARRAJI

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ABOUT ME

I'm a computer science student at UM6P - 1337 MED (42 Network). I'm a passionate learner who's always willing to learn and work across technologies and domains . I love to explore new technologies and leverage them to solve real-life problems . Apart from that I also love to guide and mentor newbies . I'm currently into Web Development and working on my Data Structures and Algorithms .

EDUCATION AND TRAINING

1337
IT Architect [28/09/2022 – Current]

City: Tetouan | **Country:** Morocco

Specialized Institute of Applied Technology
Computer Systems and Networks [11/09/2018 – 14/07/2020]

City: Tiznit | **Country:** Morocco

WORK EXPERIENCE

Network Specialist, Internship
provincial directorate of national education [01/06/2019 – 30/08/2019]

City: Tiznit | **Country:** Morocco

-Windows server 2012 administration
-installation and configuration of pfSense

LANGUAGE SKILLS

Mother tongue(s): Tamazight

Other language(s):

French	English
LISTENING B1 **READING** B1 **WRITING** B1	**LISTENING** A2 **READING** A2 **WRITING** A2
SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1	**SPOKEN PRODUCTION** A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

[24/06/2024 – Current]
Ft-transcendence In this project you will need to build a website for the mighty pong contest. Your website will help user run pong tournament and play against each other. There will be an admin view, chat with moderators, real time multiplayer online games. There will be guilds and wars!

[25/04/2024 – 10/06/2024]
WebServe The goal of the project is to build a C++98 compatible HTTP web server from scratch. The web server can handle HTTP GET, HEAD, POST, PUT, and DELETE Requests, and can serve static files from a specified root directory or dynamic content using CGI. It is also able to handle multiple client connections concurrently with the help of select().

[01/02/2024 – 04/04/2024]
Inception Docker project

- Key highlights of the project :

* Docker Containers: I created dedicated containers for each service, including NGINX with TLSv1.3, WordPress with php-fpm, and MariaDB. Each container runs independently, ensuring modularity and scalability.

* Docker Image Customization: I wrote Dockerfiles for each service, building them from scratch. By leveraging the penultimate stable versions of Debian, I prioritized performance while maintaining flexibility.

* Reliability and Fault Tolerance: I implemented container restart policies to ensure that the services automatically restart in case of any crashes or failures, enhancing the overall stability of the infrastructure.

* Data Volumes: To persist data, I created separate volumes for the WordPress database and website files. This approach ensures data integrity and simplifies future maintenance.

[01/08/2023 – 08/09/2023]
Cub3d In this 42 project we are asked to extract information from a .cub file and use that information to draw a 3d maze on the screen using the C programmming language..

[01/05/2023 – 15/06/2023]
Minishell *The objective of this project is for you to create a simple shell. Yes, your own little bash or zsh. You will learn a lot about processes and file descriptors* using the C programmming language..

HOBBIES AND INTERESTS

Sport football player

Swimming

Coding

traveling