



REDA ARRAJI

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ABOUT MYSELF

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.

WORK EXPERIENCE

01/06/2019 – 30/08/2019 Tiznit, Morocco

NETWORK SPECIALIST, INTERNSHIP PROVINCIAL DIRECTORATE OF NATIONAL EDUCATION

- Windows server 2012 administration
- installation and configuration of pfSense

EDUCATION AND TRAINING

28/09/2022 – CURRENT Tetouan, Morocco

1337 IT Architect

11/09/2018 – 14/07/2020 Tiznit, Morocco

SPECIALIZED INSTITUTE OF APPLIED TECHNOLOGY Computer Systems and Networks

LANGUAGE SKILLS

Mother tongue(s): **TAMAZIGHT**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	B1	B1	B1	B1	B1
ENGLISH	A2	A2	A1	A1	A2

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 a multiplayer Ping Pong game! This project has been a great journey in mastering real-time interaction, teamwork, and game development. Working with my talented teammates, we brought this concept to life with precision and creativity.

Key Skills:

Real-time programming, frontend and backend integration, collaborative teamwork

Tools Used:

Docker, Prometheus, Node Exporter, Grafana, Docker-compose, NGINX, Django, Django REST Framework, Channels, WebSocket, PostgreSQL, vanilla JavaScript"SPA", and Git.

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 programming 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 programming language..

● HOBBIES AND INTERESTS

Sport

football player

Swimming

Coding

traveling
