Arraji Reda

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Tetouan, Morocco

PROFILE

I'm a computer science student at 1337 (42 Network), passionate about exploring the complexities of software and technology.
My journey involves a deep dive into the world of coding and problem-solving.

EDUCATION

UM6P-1337 Coding School - Tetouan   *Aug 2024*

Coursework: Computer Science, Algorithms and Data Structures, Unix Logic, Network and System Administration, Graphics, Web Development.

Computer Networks (DTS)   *Aug 2021*

Coursework: Network Architecture, TCP/IP, Subnetting, Network Security, Wireless Communications, Network Protocols, Network Design.

EXPERIENCE

Computer Networks Internship   *Apr 2021 — Jun 2021*

- Designed and implemented LAN/WAN networks, configuring and managing routers, switches, and firewalls to support organizational needs and growth.
- Detected and resolved network issues promptly, reducing downtime and improving system reliability for clients.
- Improved network performance by analyzing and adjusting configurations and protocols.
- Collaborated with cross-functional teams to develop and implement network solutions aligned with business objectives.

PROJECTS

Ft_transcendence

Developed a dynamic ping pong game, enhancing creativity and technical problem-solving skills through the implementation of gameplay mechanics and user interfaces.
Worked on real-time chat communication and notifications using WebSocket and Django Channels, along with friend management features such as friend requests and user blocking, all implemented through efficient APIs.
Expertly handled DevOps, deployment, and infrastructure, ensuring scalability and reliability

- Technologies: HTML, CSS, JavaScript, Python (Django), PostgreSQL, Docker, Grafana, Prometheus, Node Exporter, Alert Manager

Webserver

Developed a lightweight HTTP server from scratch to efficiently handle web requests, supporting CGI.
Deepened knowledge of C++ and network programming.

- Technologies: C++, Object-Oriented Programming (OOP), Unix Sockets

Inception

Developed a comprehensive Docker setup to run a WordPress application using Nginx and PHP-FPM, with each service running in its own container for enhanced isolation, and configured them to communicate within the same Docker network.

- Technologies: Docker, Docker Compose, Wordpress, Nginx, PHP-FPM.

SKILLS

C, C++ & Python (Django)	Html&Css	Docker	Prometheus & Grafana & Alert manager
Git & GitHub	Javascript	Nginx	CI/CD with Jenkins
Linux & Command-Line	SpringBoot	Postgresql	