

Younes Belataris

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EDUCATION

42 Paris

Master in Computer Science

Nov 2023 – Ongoing

Paris, France

ENSICAEN

Master in Electronic and Applied Physics Engineering

Sep 2020 – Sep 2021

Caen, France

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript/TypeScript, HTML/CSS, SQL (PostGre), Rust, Bash

Frameworks: React, Next.js, Node.js, Django, WordPress, Bootstrap

Developer Tools: Git, Docker, Redis, PostMan, Drizzle, VS Code, Visual Studio, GitHub, PyCharm

PERSONAL PROJECTS

Transcendence | *JavaScript, Python, Django, PostgreSQL, Docker, Redis*

May 2024 – July 2024

- Developed a full-stack Single-Page-Application (**SPA**) to play pong online featuring tournaments or ranked games
- The app is built with **JavaScript** and **Bootstrap** for the client and **Django** (Python) for the server
- Implemented database with **PostGre** using Django's ORM, robust **REST API** and **JWT** user authentication
- Used **Redis** for caching and **Docker** for deployment as micro-services for further scalability

Ft-IRC | *C++*

April 2024 – May 2024

- Built an **IRC** server that accommodates to IRC client IRSSI
- Usage of Object Oriented Programming (**OOP**) to set up the skeleton of the project (clients, channels, moderators)
- Project relying heavily on documentation analysis to extract the correct response codes and formats
- Implemented direct connection between users for file transfer or private messaging, enhancing the users experience

Inception | *Docker*

April 2024 – May 2024

- Successfully set up and managed a **WordPress** server using **Docker** containers to set up **NGINX** as a web server and **MariaDB** as the database
- Implemented **Redis** caching to upgrade the speed and performance of the WordPress website
- Used **Docker Compose** for optimized deployment, reducing setup time and simplifying maintenance
- Also added as bonuses, a **FTP** server, a static portfolio using **HTTP/CSS** and Minecraft server all using Docker containers

Minishell | *C*

Dec 2023 – Feb 2024

- Created a lightweight and functional shell reproducing basic **Bash** functionalities
- Built a user-friendly interface inspired by ohmyzsh! that is also highly customizable
- Designed and integrated lexical **automata** for robust and reliable lexical analysis
- Used Abstract Syntax Trees (**AST**) for efficient command parsing, producing accurate interpretation and execution of commands

NON-TECHNICAL EXPERIENCE

Restaurant Manager | *Carl's Jr*

Jan 2022 – Jan 2023

- Led a team of 10+ staff members, efficiently managing schedules and delegating tasks to ensure all operations
- Used data analytics to set goals for the day such as increasing profit or reducing food waste
- Showcased problem-solving and crisis management in the toughest positions in order to better the customer's satisfaction
- Managed inventory and deliveries in order to optimize product usage and waste