

# Younes Belataris

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## EDUCATION

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### 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

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**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

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

May 2024 – July 2024

- Developed a full-stack Single-Page-Application to play pong online featuring tournaments and 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
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### 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

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### 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