

# MATTHIEU LARBOULLET

SOFTWARE DEVELOPER

## EDUCATION

### Information technology

École 42 | since 2020

### Master bank & financial engineering

ESCCA | 2012-2018

### French Baccalaureate

Francs-Bourgeois | 2012

## SKILLS

C, C++



Python



Docker, Docker-Compose



PostgreSQL



Linux, Windows, Mac



Shell



HTML, CSS, JS



Git, GitHub



## LANGUAGES

French



English



## CONTACT

### PHONE

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### E-MAIL

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### WEBSITE

<https://undessix.github.io/>

## HOBBIES

Hiking, DIY, Hardware,  
Football, Cooking

## PROFILE

Passionate about computers science since I was very young, I initially followed financial studies and worked for two years in the real estate financing sector. In 2020, I decided to renew with my first passion and I joined École 42.

I am now looking for a first professional experience in a company to enforce my knowledge and develop new skills.

## MAIN PROJECTS

### VIRTUADATA.FR (WORK IN PROGRESS)

Python | TypeScript | PostgreSQL | Docker

- Scraping data from an online soccer management game for monitoring, automation and prediction.
- Containerization of services (front, back, DB, app, NGINX) through Docker-Compose.

### WEB SERVER - I/O MULTIPLEXING

C | C++

- Development of a single thread web server supporting CGI execution according to RFC standards.
- Use of an AST as a data structure for parsing and of the epoll function for I/O management.

### MINI RAYTRACING ENGINE

C

- A basic raytracer using the CPU.
- Implementation of the following primitives: spheres, planes, cylinders, squares and triangles.

### MINI SHELL

C

- Creation of a command line interface reproducing the behavior of Bash.
- Parsing of the commands through an AST and a lexer.
- Management of several processes for the execution of orders.

## CAREER SUMMARY

### REAL ESTATE FINANCING

FIPACO | PRETTO | FILAURI | BNP Paribas

- 6 months at BNPP to discover the decision-making process of obtaining a real estate loan.
- 6 months in a family office (acquisition and management of real estate).
- 2 years of experience as a mortgage broker.
- More details on my website.