MATTHIEU LARBOULLET

SOFTWARE DEVELOPER

EDUCATION

Information technology
École 42 | since 2020

Master bank & financial engineering
ESSCA | 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
+33 6 58 29 67 75

E-MAIL
matthieu.larboullet@gmail.com

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 | PostreSQL | Docker

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