



# Maxime Joubert

Software Engineer

Looking for a **Software Engineer** position

## Experience

### Jobs

- 2019 - present **Software Engineer**, *Playr/Mojjo*, Paris  
Development and optimization of computer vision algorithms for Tennis and Padel matches analysis.  
Technologies used: *C++, Java*
- 2017 - 2019 **Teaching Assistant**, *EPITA*, Paris  
Tutoring 500 bachelor students (team of 39).  
Technologies used: *C, C++, Unix, Shell, Java, SQL*

### Internships

- 2017 **Software Developer Internship**, *Qarnot Computing*, Montrouge, 4 months  
Development of a monitoring and notification engine and of its demo presented at *CES 2018*.  
Technologies used: *NodeJS, Python, Bash, Kafka, RabbitMQ, ELK, Docker*
- 2016 **Web Developer Internship**, *Diagram Informatique*, Saint-Étienne, 4 months  
2 months internship followed by a fixed-term contract of 2 months.  
Technologies used: *PHP, Docker*.

### School Projects

- 2017 **Tiger Compiler**, Full implementation of a compiler for Andrew Appel's language in *C++*.  
Maintainer of this project as a teaching assistant the following year. Work in collaboration with the teacher-researchers of the LRDE (Laboratory of Research and Development of EPITA) managing the project. Correction of various bugs, migration of the code base from *C++14* to *C++17*, supervision of students working on this 6-months project (teams of 3).
- 2016 **42sh**, POSIX compliant shell in *C* (team of 3).

### Spare-time projects

- 2016 - present **Self hosted home lab**, *Linux sysadmin - Networking - Docker*  
Playing with my home network, some custom built NAS servers and some cloud servers to host a bunch of useful services for my family and myself.

## Cursus

- 2014 - 2019 **Computer Engineering**, *EPITA*, Paris, French engineering school.
- 2016 **Computer Science**, *Griffith College Dublin*, Dublin, 6 months exchange.

## Skills

- Programming *C/C++, Java, Bash, Python*
- Tools *Linux, Git, Docker, CMake/Makefile, LaTeX*

## Miscellaneous

- Languages *French: Native*   *English: Professional proficiency (TOEIC 960)*

75019 Paris