Maxime Joubert

Software Engineer

*Looking for a **Software Engineer** position*

Experience

Jobs

2019 - 2024 **Software Engineer**, *Playr/Mojjo*, Paris
Development and optimization of computer vision algorithms for Tennis and Padel matches analysis.
Technologies used: *C++, Java, Docker, Android*

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 - Nix*
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, Nix, Git, Docker, CMake/Makefile, LaTeX

Miscellaneous

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

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