

SOFTWARE ENGINEER | RESUME

- » **Fields:** Software and embedded software engineer
- » **Tech:** C++, C, java, Kotlin, linux, AOSP, Python
- » **Interests:** Robotics (Modeling, Design, Programming), economic rules, computer science in general, science fiction



»»» Experience

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|---------------------|--|------------------------------|
| Since
09/2022 | Software and Embedded System Engineer | Sagemcom |
| | » Software and embedded systems (Linux and AOSP) development in the field of telecommunications and entertainment.
» Linux, Android, Android-studio, C++, C, Java, Kotlin, AOSP | |
| 07/2021-
09/2022 | Software development on embedded systems | SII |
| | » Software development on embedded systems for aerospace and military company.
» C++ , eclipse, DDS, UDP, Design Patterns, MISRA, Linux | |
| 12/2018
2021 | - Software development | ALTEN |
| | » Maintenance and improvement of network coverage optimization software (wave propagation), then interfacing C++ - C# for calculator with implementation of a license manager
» C#, CLI, C++, Visual Studio, Jenkins, Design Patterns | |
| 04/2018
10/2018 | - Unity/UE4 Developer for Open Innovation VR department | Bouygues Construction |
| | » Software and application development necessary for business needs in the field of virtual reality
» C#, unity, Kinect, Réalité virtuel | |
| 11/2015
3/2018 | - EIP end-of-studies project (Front and Lore pole leader) | EPITECH |
| | » Innovative professional project, from a team of 7 people, FPS - RPG in virtual reality
» C++, EU4, HTC Vive | |
| 2 * 1 month | ASSET (assistant professor for C, PHP, Python, Ruby, Shell) | ETNA |
| | » Supervising Bachelors and Masters, our goal is to train students in programming languages during their swimming pools
» Called for the first time to supervise the bachelors, called back the following year for the Masters | |

»»» Education

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|-------------|---|------------------------------|
| 2013 - 2018 | Master's degree Software Engineering | University of EPITECH |
| | » Paris
» C - C++ - Linux | |
| 2016 - 2017 | 4th year of study in China | Jiaotong university |
| | » Beijing
» Mainly C++ - Web - Linux | |

»» Annexe

This part brings together the technologies and languages that I learned and used on my various personal projects. Allowing a better representation of my profile and a better selection by CV parsers.

- » **Languages** C++ (11<->17), C, C#, Python(3), Java(Fx), Scripting, PHP, CSS, HTML, Ruby, Latex, XML, JSON, CSV, SQL, java, kotlin,
- » **Tools:** Visual studio, Visual Code, Eclipse, Notepad++, Git, SVN, RTC, Symfony, wamp server, Arduino, PlatformIO, Jenkins, Cura, Freecad, UE4, GitKraken, Virtual Machine, Postman, Jira, Trello, wsl, cygwin, protobug, gRPC, AOSP (Android), vcpkg, pybind11
- » **Areas covered:** Robotics (mechanical design, 3D modeling, 3D printing, electronics, PCB design, Embedded programming (on simple and complex environments), Creation of WEB sites, Implementation of Linux systems (Tails;) , Software programming in a very complex environment, implementation of a licensing system, creation of a mobile application, Pair-programming software programming, trading software, video stream processing.

»» Languages

- » **French** first language
- » **English** 800 Toeic
- » **Japanese** learning in progress