· Software Engineer · Paris, France · **maxime.duvey@outlook.com** · +33 648 34 40 56

SOFTWARE ENGINEER | RESUME

❱ Fields: Software and embedded software engineer

❱ Tech: C++, C, Kotlin, java, linux, AOSP, Python

❱ Interests: Robotics (Modeling, Design, Programming), economic rules, computer science in general, science fiction

❱❱❱ Experience

Since 02/2024	**Software engineer on embedded system AOSP**	CELAD-Renault

❱ Software development for platform and external app on embedded system AOSP for automobiles.
❱ AOSP, Kotlin, Android-studio, java, Soong, Gitlab-ci

09/2022 - 12/2023	**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 engineer 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 engineer**	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

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, Notepade++, 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, LIDAR data processing, UART, SPI, I2C, CANBus, compilation cross-platform.

⟫⟫ Languages

❯ French
first language

❯ English
800 Toeic

❯ Japanese
learning in progress