**FILLON Marceau**
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**Software development engineer**

With a background in robotics and software engineering, enriched by two experiences in high technology companies, I wish to apply my skills and knowledge to a high purpose application such as healthcare or sustainable development, in an innovative and experienced company or in a research department.

## PROFESSIONAL SKILLS

### Programming languages

- C
- Python
- Java
- C#, vb.net
- HTML, JavaScript

### Applications

- Microcontroller-based projects
- Robot learning
- MVC Core website
- Continuous Integration

### Scientific tools

- Matlab
- GIT
- SQL Studio
- Visual Studio, Eclipse, Pycharm

## EXPERIENCE

*February – August 2019:* **Robotics Processes Internship**, DEEPSKY CORPORATION LTD, HONG KONG
(Start-up company manufacturing modular large screens with a novel LED-display technology)
Role: Member of the Robotics processes team. Developed machining process for a brand-new soldering robot.
Major outcomes: Improvement in Python language programming. Development of a robotics process from scratch. Enhanced project development skills in a working environment.

*July 2017 – July 2018:* **Software Development Work Experience**, DP TECHNOLOGY, UNITED STATES (CA)
(CAM software provide worldwide, selling ESPRIT, a software to program automation in manufacturing)
Role: Member of the Software Quality Assurance team. Developed and maintained tools used by R&D department
Major projects: refactoring of R&D internal website. Process improvement of ESPRIT's test procedures and continuous integration.
Major outcomes: Improvement in team efficiency. Numerous tools created and implemented. Developed technical and operational skills. Discovered and implemented Agile software development.

*July 2016*: **Production Internship,** ALSTOM VILLEURBANNE (69), FRANCE
Role: To Assist other employees and to evolve independently in the service
Major outcomes: Improvement in team work and observation of production team management

## EDUCATION AND QUALIFICATIONS

*2015-2019:* **Master In Computer Sciences** CPE LYON (FRANCE), Polytechnical University of Catalunya (SPAIN)
            **Major:** Robotics and embedded systems
*2013-2016:* **Bachelor in sciences,** Preparatory classes to CPE LYON, FRANCE, **Major:** Mathematics and Physics
*2013:* **High School Degree with distinctions**, **major science**

## OTHERS

### Languages

French, English (fluent)

Spanish, Chinese (basics)

### Passions

Programming
Sailing
Boxing

### Volunteering

Landevennec's abbey
Solidarity and green school associations