

**FLORENCE Paul**  
4<sup>th</sup> Year Engineering Student  
+33641679642

21 chemin du canal  
App 52  
31400 Toulouse, France  
[perso@florencepaul.com](mailto:perso@florencepaul.com)

Computer Science student with previous experience in embedded programming, graduating next year. I am looking for an internship for 2019's summer (12 weeks).

## Work Experience

---

September 2015 – Today :

*Robotic Association - Non profit associative experience – 4<sup>th</sup> year in a row*

- Programming on embedded systems with C++ and Rust on an ARM and a x86 architecture.
- Creating a toolchain to speed up the robot development (including a simulator, a CMake toolchain for cross-compiling to ARM, and multiple graphical tools for easier debugging).
- Writing an Hardware Abstraction [Library](#) for a microcontroller (stm32f446).
- Git project management.
- Taking care of the association, its budget, sponsor relationships and deadlines.
- Implementing a [driver](#) in C++ and Rust for our servomotors.

June 2016 – Internship at the Town Hall of Aubagne :

*5 weeks – Work experience – 1200 workers*

- Creating, customizing & updating a website under Wordpress.
- Designing animated visual elements in After Effect.
- Creating script in Javascript, AppleScript and Python to automatize the process of designing and rendering those elements.

## Education

---

2015 - Today : 4<sup>th</sup> year of engineering studies at the Institut National des Sciences Appliquées (INSA) of Toulouse

4<sup>th</sup> years over 5 (master degree), Computer Science and Electronics.

2017 : Semester abroad

University of Quebec in Chicoutimi – Computer Science and Mathematics

2015 : French Bacalaureat equivalent to High School Diploma

With Honors.

## Notable competences

---

- Good knowledge of C++11,14 and 17, enhanced in multiples personal projects
- Know how to work in a developer team, using multiple version control system (GIT, SVN)
- Experienced in modern programming practices (test driven development, continuous integration, documentation , etc.)
- Already used some GUI library (GTK, Tkinter, etc.) for associative and personal projects
- Fluent English, written and spoken
- Confident with the open source workflow practiced through multiple contributions to various projects ([clippy](#), [serialport-rs](#), [and many others](#))

## Personal Information

---

I am a self motivated individual which strives to achieve high standards in whatever is undertaken : all of my projects/contributions are well documented, tested and approved by the community. If you want to know more about me, you can check my [website](#), my [blog](#) or my [github profile](#).