Jocelyn **Beauchesne**

GRADUATE STUDENT · LOOKING FOR A SUMMER INTERNSHIP IN DATA-SCIENCE WORLD WIDE

Education

Ecole Polytechnique, Paris-Saclay   *Palaiseau, France*

ONE OF FRANCE'S TOP ENGINEERING SCHOOLS   *Sep. 2015 - Present*

- **Master's degree in engineering** – key subjects studied : Applied Math, Physics, Computer Science, Biology – **Group project** : Building a magnetic levitation system and integrating it into an art work
- 2015-2016 : **BSc. in engineering** – key subjects studied : Math, Physics, Computer Science

Classe préparatoire at Lycée Michel de Montaigne   *Bordeaux, France*

INTENSIVE PREPARATION FOR THE HIGHLY COMPETITIVE ENTRANCE EXAMS TO THE **FRENCH GRANDES ECOLES**   *Sep. 2012 - July. 2015*

- **Key subjects studied** : Math, Physics and Computer Science
- 2014-15 – **Personal initiative project** : Finding the best emission spot for Wi-Fi in a flat using a ray-tracing method or numerically solving Helmholtz equation I implemented with python
- 2013-14 – **Personal initiative project** : Implemented a public-key cryptography system based on Braid theory

Experience

XProjets – Project manager & developer   *Palaiseau, France*

INVOLVED IN ECOLE POLYTECHNIQUE'S **JUNIOR ENTREPRISE**   *Apr. 2016 - Present*

- In charge of conceiving statements of work and **managing** projects to answer companies needs
- **Integrated** a Java application on a Raspberry Pi with Postgresql database and an Arduino for an object recognition system based on weight for KMO (consulting firm specialized in office productivity)

Commandement de la Gendarmerie de Martinique – Officer cadet   *Overseas region of France*

ON FIELD DUTY AS A POLICE OFFICER AND ASSISANT OF AN ÉTATS-MAJOR COMMANDANT   *Sep. 2015 - Mar. 2016*

- Bootcamp, followed by officer school then an **internship** in the National Gendarmerie. I was involved in on field public security operations as well as assisted the Commandant in charge of managing the staff and means of the Island.

Sysadmin   *France*

INSTALLED AND MANAGED **MY OWN SERVER** ON GNU\LINUX (CURRENTLY DEBIAN)   *Sep. 2013 - Present*

- Softwares : nginx, PHP, MySQL, postfix, OpenVPN, Roundcube, WordPress

Extracurricular Activity

Martial Arts   *France*

JUDO BLACK BELT, 3 YEARS OF JIU-JITSU, CURRENTLY BOXING   *2000 - Present*

Drama   *France*

- 2016-Present : **Improvisational theatre**   *2013 - Present*
- 2014-15 : Played role of Mafioso in « Veillée Funèbre » (80 minutes) – Guy Foissy
- 2013-14 : Leading actor in « La Leçon » – Ionesco

Travels   *Earth*

- July 2016 : **Interrail trip** with three friends through Eastern Europe   *2012 - Present*
- July 2013 : **Biked accross** UK with a friend, either camping or CouchSurfing

Skills

Programming	• **Most experienced** with Python, JAVA • **Some experience** with Camllight, MySQL, HTML-CSS, PHP, Javascript, Shellscript
Others	• **Sofwares** : LaTeX, Gimp, Office software • **OS** : Windows, GNU \Linux (Ubuntu, Debian, Archlinux)
Languages	French (**Native**), English (**Advanced**), Spanish (**Intermediate**)