

# Loïc Pelleau

Computer Engineering Student

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Four to six month Internship – 2017

## Education

- 2016 **Engineering School, École Polytechnique de Montréal, Montréal (CANADA).**  
Exchange within Polytechnique from INSA Rennes for one semester. G.P.A. 3.5.
- Data structure and algorithms;
  - User experience design;
  - Test methods and software validation;
  - Distributed file systems and cloud computing;
  - Media encoding and indexation;
- 2014–2016 **Engineering School, INSA Rennes, Rennes (FRANCE).**  
5th-year student studying for Master Degree in Computer Science: specializing in Languages, Systems and Networks.
- Analysis and Probability;
  - Computer architecture;
  - Assembly;
  - Compilation;
  - Advanced database management;
  - Security;
  - Artificial Intelligence;
  - Algorithmic competition;
  - Functional programming;
  - Project Management;
- 2012–2014 **BTEC Higher National Diploma, IUT Lannion, Lannion (FRANCE).**  
Pass with honours.  
Computer Science: specializing in Software Engineering.
- Database;
  - Procedural programming;
  - Oriented object programming;
- 2009–2012 **Baccalauréat: science option, Saint-François Notre-Dame, Lesneven (FRANCE).**  
Pass with honours.  
Equivalent to A-levels.  
Specializing in Mathematics.

## Work Experience

### Vocational

- Summer 2016 **Software Integrator: Internship, GIP SIB, Rennes, FRANCE.**
- Integration of Bonita BPM (Angular JS);
  - API Rest which work with Bonita (JHipster, JavaEE);
- 2015 **Fourth-year project, INSA - INRIA - Kerpape, Rennes, FRANCE.**
- Development of a virtual-reality scene: member of a group of six students (Unity, Blender, C#);
  - Project's goal: help disabled to get use to live alone in an apartment;

- 2015 **Fourth-year software development**, *INSA*, Rennes, FRANCE.
- Development of a video game based on SmallWorld: member of a group of two students (C#, C++, WPF);
- Summer 2015 **Software Development: Internship**, *Keosys*, Nantes, FRANCE.
- Integration of Spring Security framework in Imagys software (JavaEE, Spring, Struts);
  - Installation and configuration of Jasig's CAS server, which I linked with multiple Imagys software deployments (Cas server, Spring Webflow);
- 2014–2015 **Third-year project**, *INSA - INRIA*, Rennes, FRANCE.
- Development of a virtual-reality scenario editor for the INRIA research lab: member of a group of four students (Java, Swing);
- Spring - **Android developer: Internship**, *Laïta*, Ploudaniel, FRANCE.
- summer 2014
- Development of an Android application for truck drivers who collect milk from farms. GPS tracking, data exportation...;
  - Development of an Android application for the inventory entries;
  - Development of an other Android application for meter reading (electricity meters, etc.);
- 2013–2014 **Second year project**, *IUT Lannion*, Lannion, FRANCE.
- Development of a web platform managing registrations in extracurricular activities: member of a group of eight students (HTML, CSS, PHP, JQuery, MySQL);

## Languages

- French Native speaker
- English Professional working proficiency: TOEIC score of 770 (March 2014)
- Spanish Elementary

## Computer Skills

- Software Rust ; Android ; Java ; C ; C# ; C++ ; Python ; OCaml ; NodeJS
- System Administration of a private linux server
- Web CSS ; HTML ; PHP ; JQuery ; Angular ; Java EE
- Database MySQL ; PostgreSQL ; MongoDB

## Interests

- Linux
- Open Source
- High technologies
- Hockey

## Voluntary Activity

- Ouest INSA Junior-Enterprise.
- Responsible for monitoring projects.
- Development of an Android application which became available on Playstore.
- This association allows INSA students to apply their knowledge by undertaking concrete projects proposed by local companies. [ouest-insa.fr](http://ouest-insa.fr)
- InsaLan One of the biggest LAN party events in France (four hundred players take part over a weekend).
- Systems department: setting up of a Raspberry with which we streamed games and offered a timelapse video. [insalan.fr](http://insalan.fr)