

Loïc Pelleau

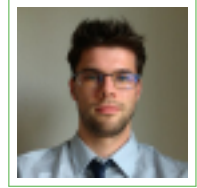
IT Student Engineer

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Six month IT Internship – 2017

Education

- 2016 **Engineering School, École Polytechnique de Montréal, Montréal (CANADA).**
Exchange within Polytechnique from INSA Rennes for one semester.
- 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).**
4th-year student studying for Master Degree in Computer Science: specializing in Languages, Systems and Networks.
- Computer architecture;
 - Data structuration;
 - Database security;
 - Assembly;
 - Compilation;
 - Functional programming;
 - Project Management;
- 2012–2014 **BTEC Higher National Diploma, IUT Lannion, Lannion (FRANCE).**
Pass with honours.
Computer Science: specializing in Software Engineering.
TOEIC score: 770 (March 2014).
- 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

- 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 appartement;
- 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);
- Summer 2014 **Android developer**, Laïta, Ploudaniel, FRANCE.
- Development of an Android application for the inventory entries;
 - Development of an other Android application for meter reading (electricity meters, etc.);
- Spring 2014 **Android developer: Internship**, Laïta, Ploudaniel, FRANCE.
- Development of an Android application for truck drivers who collect milk from farms. GPS tracking, data exportation...;
- 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);
- October 2011 **Non-participative internship**, ALTRAN Ouest, Brest, FRANCE.
- Observation of ALTRAN Ouest's organisational procedures;
 - Development team's website maintenance (PHP);

Languages

French	Native speaker
English	Professional working proficiency: TOEIC score of 770
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
- High technologies
- Open Source
- 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
- 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