

Jean-Marie Comets

2nd year engineering student / Developer

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Studies

- 2010 – today **Engineering – Computer science, INSA Lyon, France.**
2010 **"Baccalauréat" obtained with honours, France.**
2007 – 2008 **Exchange class, Cy-Fair High School, Texas, USA.**

Experience

- June – **C++ developer, LIRIS – CNRS, Villeurbanne, France.**
September 2013 Implemented a thickness diagram based on the exact arrangement of 3D balls. Built a front-end interface based on Qt/QGLViewer/GLUT, used extensively compiling and project tools (CMake, QMake).
July – August 2012 **Entry assistant/Sysadmin helper, ITEC Services, Cenon, France.**
Helped enter diabetic patients' responses for a special study.
Wrote script managing machines over the company's network.
September 2012 – today **JeuxVidéo@INSA association, Villeurbanne, France.**
Currently president, ex-secretary. JeuxVidéo@INSA association aims to promote video game creation (design, development, storyline, etc...). We organise meetings with video game professionals, conferences (notably with Ubisoft) and development events (Game Rush – hackatons).
March 2011 – **Sponsoring/Partners, Gala INSA Lyon, Villeurbanne, France.**
February 2012 Organized the school's Gala, notably by finding sponsors for the event; at the head of a team of 3, in a complete team of 35.

Projects

- September 2013 – today **Developer, TESS.**
Building a search engine based on the indexing of objects rather than pages (technologies: machine learning with Scikit-learn, Elastic search, Flask). Website: tess.semsaas.com.
July 2013 – today **Developer/Designer, IntoSpectrum.**
Developing an server-sided audio-player with a web front-end using Node.js.
December 2011 – June 2012 **Developer, BdEContact.**
Developed a web-based contact sharing system within a team structure for the school's student association (BdE). Was first written in PHP/MySQL with a custom interface, is currently being rewritten in Python with Django and with a Bootstrap interface.

Computer science/Programming

Web	Python (Django, Flask), JavaScript (server: ExpressJS; client: JQuery, AngularJS), Ruby (Rails basics), PHP	Database engines	Oracle, MySQL, SQLite, MongoDB
OOP	C++, Python, Java, JavaScript (Node.js)	Imperative	C, Pascal
Tools	Git, SVN, QMake, CMake	Misc	UML, Vim, Shell, Linux, \LaTeX basics.

Languages

- English **mother tongue**
French **bilingual**
Spanish **good understanding and communicating**