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 – September 2013	**C++ developer**, *LIRIS – CNRS*, Villeurbanne, France. 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 – February 2012	**Sponsoring/Partners**, *Gala INSA Lyon*, Villeurbanne, France. 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 engined 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**