Jérôme Gueret
Supélec Engineer

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D.O.B 01/06/1991 - Driving licence

Education

2013-2014	**MSc in Advanced Computing**, *Imperial College London*, London, United Kingdom.
	Artificial Intelligence, Machine Learning, Neural Computation, Software Engineering, Computer Vision, Advanced Computer Graphics, Intelligent Data and Probabilistic Inference, Robotics
2011-2014	**Top-tier French Engineering School Supélec**, *Ecole Supérieure d'Electricité*, Metz, France.
	Energy, Automatism, Electronics and Electrical Engineering, Signal Processing, Telecommunications and Networks.
2009-2011	**French Classes Preparatoires PCSI-PSI***, *Lycée La Martinière Monplaisir*, Lyon, France.
	2 year elite program in advanced Math and Physics.
June 2009	**French Baccalaureate**, *Lycée Charles et Adrien Dupuy*, Le Puy en Velay, France.
	Final secondary school qualifications awarded with Distinction, majors in Science.

Experience

Work Experience

September 2014 -March 2015	**Final internship**, *CASS - Central American Software Services*, San Salvador, El Salvador.
	Projet management in the field of Software Services (web sites, mobile applications, desktop softwares); requirements, funcional and technical specifications, tasks analysis, technical follow-up, client communication for updating on the project's progress and obtaining required missing resources. Trilingual work environment.
April 2014 -September 2014	**MSc Individual Project**, *Imperial College London*, London, United Kingdom.
	Research in the field of Mobile Crowdsourcing. Development of an Android application to collect crowd-labelled data on Barclays bikes onto a Google App Engine server. Analysis and processing of the data with Machine Learning algorithms to determine the ground truth.
June 2013 -September 2013	**Software engineer internship**, *Alstom Transport*, Lyon, France.
	Developed an installation plateform for Python for both embedded (cross-compilation) and disembedded systems (customized compilations for test and validation teams). Storage of all necessary files and packages in Alstom Databases using Clearcase. Graphic user interface developed in Python.
Springs 2012 & 2013	**Software and Synthesis group projects**, *Supélec*, Metz, France.
	AI: worked on a maze location system for Koala robots, based on Belief States method. Developed a client-server application to manage a company database in a local network, used C++ and Qt framework.
Summers 2009 to 2012	**Summer contract: public buildings caretaker**, *Opac 43*, Le Puy en Velay, France.
	Undertook plumbing and electrical repairs and maintenance.

Community Involvement

2011-2014	**Tutor in Maths & Physics**, Metz/London, France/United Kingdom.
2011-2013	**Member in a computing association : Rézo**, Metz, France.
2011-2012	**In charge of communication in Les Cordées de la Réussite**, Metz, France.
2011-2012	**Member of Lumd'Af humanitarian association**, Metz, France.

Skills

Computing skills

Network	Configuration (Routing, DHCP, DNS, NAT, VPN, Firewall), administration, services deployment (DB, FTP).
Languages	**Web**: HTML5, CSS3, PHP, SQL, JS. - **OOP**: C++, C#, Java, Python. - **Others**: C, LaTeX.
Frameworks	Qt(Python and C++), Django(Python), JavaEE, jQuery.
Other	Android Development. Advanced use of GNU/Linux, Matlab, Eclipse, Visual Studio, TFS, SharePoint, Git and Clearcase. Virtualization knowledge (VirtualBox, Hyper-V).

Languages

French	Native
English	Fluent, passed the TOEFL-Ibt exam in April 2013 with a score of 112 out of 120. Studied a year in London.
Spanish	Writing and speaking proficiency, European level: B2-C1. Worked 6 months in El Salvador.
Portuguese	Basical. European level: A1-A2.

Interests

Sports	Soccer, squash, badminton, cycling, multisports events, swimming, skiing.
Other	Music (clarinet, piano), Travelling, Modelling.