

Marc Fortin

French

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Curriculum Vitae

Objective

Software Engineer position focusing on developing computer, mobile or web-based applications.

Availability: October 2010

Education

ENSEEIHT Student Engineer : Information Technology and Mathematics

2009 - 2010

Third year in ENSEEIHT (National Polytechnic Engineering Institute of Electronics, Hydraulics and Computer Science)

Leading French Engineering School. Last year of a 3 year degree equivalent to a Master's Degree in Engineering. Courses include :

- Security, Cryptography, AI
- Multimedia (pictures, sound and video analysis and rendering)
- Advanced networks, Advanced middlewares
- Distributed computing, Grid computing

2008 - 2009

Second year in ENSEEIHT, courses include :

- Web-based applications, databases
- Real-time / Distributed / Centralized systems
- Networks and telecommunications
- Operational Research, Data Analysis, Optimisation

2007 - 2008

First year in ENSEEIHT, courses include :

- C/C++, Java, Caml, Fortran and ASM programming languages
- Linear Algebra, Topology, Probability and Statistics
- Logic, Set theory, Intuitionistic type theory, Proof Assistants

2005 - 2007

Classes Préparatoires, a two year intensive undergraduate course to prepare competitive entry to National Engineering Schools.
MP (Mathematics and Physics), Lycee Louis Barthou, France

2005

Baccalauréat S (Sciences) with Distinction

Lycee Louis Barthou, France, specialisation in Mathematics

Work Experiences

- Independent Mobile development**, creation of high-quality software for Windows Mobile and Google Android:
<http://www.osaris.net> is the public website for my Android Games
<http://www.pocketnew.net>: website for my Windows Mobile Games
- October 2009 Third place at the **Samsung Android development contest**
http://fr.samsungmobile.com/pid181-content_id1372/galaxy/apps.html
- November 2009 Finalist of the **Google Android Developer Challenge**, fourth place in the Game category (<http://code.google.com/android/adc>)
- 2007 Winner of the Smartphony Windows Mobile application contest, sponsored by Microsoft France
- Summer 2010 Internship at Celad**, Java EE development for Natixis
- 2010 End of studies professional project**: development of the simulation of a Society of Autonomous Communicating Emotional and Cognitive Agents
- Summer 2009 Internship at Texas Instruments**
Creation of a the Nspiring Learning website for Texas Instruments new range of product, TI-Nspire. This Java EE website makes it possible for UK teachers to download, create and share activities related to TI-Nspire:
<http://www.nspiringlearning.co.uk>
- 2008 - 2009 Some second year projects:**
- Semantic and Language Theory: creation of a Java-like compiler
 - Java EE: (EJB3 with JBoss): development of an e-business website
 - Middlewares : conception of a shared and duplicated object server
- Summer 2008 Development of the ICTMT 9 website**, the International Conference on Technology in Mathematics Teaching: <http://www.ictmt9.org>

Skills

Computer Science

Operating Systems : Windows, Linux/UNIX, Windows Mobile (Embedded), Android (Google's mobile phones OS)

Languages : C/C++, Java EE, Java ME, Fortran, HTML, PHP/MySQL

Computer architecture : ASM 68k, X86 architecture, VHDL , MDL

Strong programming experience as an independent developer.

Languages

English : Fluent (TOEIC score : 990)

Spanish : Working proficiency

French : Native speaker

References

References available upon request.