

Germain LE

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EDUCATION

- 2007 – 2012:** **ECE, Graduate School of Engineering** (www.ece.fr), Paris, France
Master's Degree in Engineering, Major in Embedded Systems
Highest promotion average in 2009 and 2010 (Overall GPA: 17.12/20)
Courses: Embedded Software & Hardware, Management, Project Methodology, IT Consulting, Networks, English
- Aug. 2011:** **University of California, Irvine**, CA, USA (www.uci.edu): Global Business & Leadership Seminar
Courses: Manufacturing, Marketing, Global Finance, Human Resources, Lean Six Sigma, Management
- Fall 2009:** **Concordia University** (www.concordia.ca), Montreal, QC, Canada : Undergraduate semester
Courses: Programming Methodology, Digital Systems Design, Composition & Argumentation for Engineers, Engineering Management Principles and Economics (Overall GPA: 3.92)
- 2004 – 2007:** **Martin Luther King High school**, Bussy St Georges, France
Scientific Baccalauréat, Major in Engineering, obtained with highest honors.

PROJECTS

- 2011 – 2012:** Development of a giant screen prototype, in partnership with SITCORP (www.sitcorp.eu), team of 5 over 6 months
- 2011:** Development of a feature in Java for Fleet Performance, in partnership with Orange (www.orange.fr), team of 4 over 6 weeks
- 2010 – 2011:** Development of an interactive whiteboard in Java using infrared technology, team of 6 over 8 months
- 2010:** Development of an embedded card with a GPS module and a Google Earth C# graphical interface, team of 4 over 4 months
- 2008:** Development of a game based upon the Parisian Metro in C++ using graph theory, team of 4 over 2 months

PROFESSIONAL & ASSOCIATIVE EXPERIENCE

- R&D Intern**, Zyken, Paris, France Apr. 2011 – Aug 2011
- Developed new functionalities for Zyken's NightCove, a light & sound based sleep-improvement system
 - Performed maintenance on NightCove's embedded software (C#, C++ programming)
 - Initiated the Zyken Innovation Project, which consists of monitoring and analyzing physiological parameters
- Secretary General**, Équipe Système ECE, Paris, France (student association) Apr. 2010 – Apr. 2011
- Wrote tutorials and various documentation for the ECE students (in both French and English)
 - Helped to organize the "Microsoft Day", a major event at ECE
 - Provided technical support to the students
- Human Resources Intern**, AXA France, Nanterre, France Jul. 2010 – Aug. 2010
- Handled employees' inquiries to the Human Resources
 - Performed monthly pay verification for interns and trainees
 - Contributed to the new organization of AXA's Human Resources service by providing feedback on existing methods, processes and tools

SKILLS

COMPUTER SCIENCE:

Programming: C, C++, C#, Visual Basic, Java
Environments: **Office:** MS Office (Word, Excel, PowerPoint, Visio), **Development:** Visual Studio, Netbeans, Code::Blocks, Eclipse, **Project Management:** MS Project, **OS:** Windows, Ubuntu

EMBEDDED SYSTEMS:

Programming: VHDL, C, C++, Android
Environments: Pspice Schematics, EAGLE, Xilinx ISE, MikroC, MPLab, Windows CE 6.0, CANoe

LANGUAGES:

Chinese (Mandarin): Verbal communication: fluent, Reading comprehension and Written communication: proficient
French: Writing, reading and speaking: fluent
English: Writing, reading and speaking: fluent – TOEFL (95%)
Spanish: Writing, reading and speaking: proficient

MANAGEMENT:

Team & Project Management, Financial & Economic Analysis, Budget Management