

Bastien Lebayle

Graduate student

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Education

- 2013–2014 **Master Degree**, *West Chester University of Pennsylvania*, West Chester, PA, USA.
Major: Computer Science
Spring 2014: Graduate Assistant
- 2009–2012 **Engineering Degree**, *Institut Supérieur d'Informatique de Modélisation et de leurs Applications*, Clermont-Ferrand, France.
Major: Computer Science, Network and Telecommunications

Experience

- 2012 **Service Technology Engineer Associate**, *Parametric Technology Corporation*, Aix-en-Provence, France.
 - Feasibility study about replacing the call center system by an open source solution;
 - Management of the Search Engine Optimization project;
 - Development of a testing tool in order to evaluate tuning of the Search Engine;
- 2011 **Network Analyst Intern**, *Parametric Technology Corporation*, Needham, MA, USA.
 - VoIP;
 - End User Support;
 - DNS and Data Center maintenance;

Languages

French Native

English Fluent

Skills

Programming	C, C++, Java, Python, Objective-C, Lisp, Scheme, ML, R, Fortran, Pascal, Assembly, UML	Network	VoIP, System Administration, Security, Wireless, Routing, Storage, Grid computing
Web	HTML, PHP, JSP, Groovy/Grails	Database	Oracle, MySQL
O.S.	Windows, Mac OS X, Linux	Mobile	iOS, Android
Operation Research	Graph Theory, Linear programming, CPLEX	Management	Communication, Accounting, Economy, Law, Marketing

Projects

- 2012 Improvement and Integration of a switch management tool in an existing inventory application
Key words: SNMP, MIB, ARP, VLAN, LLDP, CDP, PERL, PHP, SQL, HTML, AJAX
- 2011 Development of a reliability problems, Markov chains and network of waiting lines solver
Key words: C++, Qt
- 2010 Visualization of a 2D polyhedron defined by linear inequations. Implementation of basic manipulation tools
Key words: Java 2D

Publications

Bastien Lebayle, Afrand Agah, and Mehran Asadi. Using influence for navigation in online social networks. *The 2014 International Conference on Advances in Big Data Analytics*, 2014.