

Pierre Châtel

7, rue de Bassano, 75016, Paris, France.

Phone : 01 47 20 52 77 Mobile : 06 18 99 26 94 admin@cbatelp.org

24 years old, born September 3 1982 in *Saint-Pierre et Miquelon*, France.

EDUCATION

Computer Science Bachelor degree, Nice Sophia-Antipolis University, Nice, France	2000-2003
Computer Science Master's (First Year), Nice Sophia-Antipolis University, Nice, France	2003-2004
STL-TA Computer Science Master's (Second Year), Pierre & Marie Curie University, Paris, France	2005-2006
Computer Science PhD Thesis, Laboratory of Computer Sciences Paris 6 (LIP6), Thales Communications	In progress

EXPERIENCE

Computer Science PhD Thesis, Laboratory of Computer Sciences Paris 6 (LIP6), Thales Communications **In progress**

I'm currently doing a full-time PhD thesis between Thales Communications France and the LiP6 Computer Science Laboratory of Paris VI from January 2007 to January 2010. I've been granted a CIFRE PhD Fellowships which allows me to work simultaneously in academia and industry. The subject of my thesis revolves around the areas of Dynamic service orchestration based on non-functional constraints and instantaneous QoS measurements in a SOA architecture. You can consult the full subject at this address: http://www.chatelp.org/thesis/research_subject.pdf

Professional Internship, STL-TA Master's, Thales Communications, Paris, France **June-November 2006**

Semantic Web Services: Integration and interpretation of semantic annotations in web service interfaces descriptions using extension mechanism of the WSDL 2.0 specification. Development of a web-service middleware with semantic reasoning and query support, main technologies involved include SAWSDL, BPEL, UDDI and OWL. Specification of a SAWSDL to UDDI mapping.

Engineering project, STL-TA Master's, Apache Software Foundation, Paris, France **January-April 2006**

Implementation of the first release of LDAP Studio (<http://directory.apache.org/ldapstudio/>), a complete LDAP tooling platform intended to be used with any LDAP server however it is particularly designed for use with the Apache Directory Server.

Network Administrator, Société CHATEL, Saint Pierre et Miquelon, France **October 2004-August 2005**

Deployment and securing of the internal information system of the company. Management of the windows 2003 server and configuration of a replication and backup system.

Annual school project, Computer Science Master's, Nice, France **2003-2004**

Open-Source Implementation of a full-featured scheme-based language for algorithm courses in computer science: SpecialK (<http://specialk.nongnu.org/>). This language is now used in courses at the Nice Sophia-Antipolis University.

PERSONAL PROJECTS

MacOS X software development

Implementation of several applications based on the Cocoa and Carbon MacOS X frameworks and using the Objective-C computer language. The goal of this realizations was to explore innovating and ergonomic man-machine interfaces based on simple concepts. The following applications are available to download at <http://www.chatelp.org>: Sidenote, Desktopia, Slider, Unifier and DeliciTunes.

Creation and maintenance of several commercial websites

The following websites use a combination of Open-Source technologies and solutions such as MySQL and the Joomla CMS: <http://la-maison-du-cadeau.fr>, <http://www.musee-heritage.fr/>.

TECHNICAL COMPETENCIES

Programming languages : Java, C, C++, C#, Objective C, Lisp, Scheme, Caml, Cobol, HTML
Operating systems : Windows, Mac OS, Unix, Linux.

Development platforms: Eclipse, Visual Studio, Borland JBuilder, Delphi, Sun NetBeans, Apple XCode, IBM RAD
Databases : MySQL, Oracle, DB2
Technologies: *J2EE:* WSAD, EJB, Servlets, JSP, JDBC, RMI
Middleware: Corba, WebServices
Modeling : UML, MDA, EMF
Methods : RUP, Extreme Programming, TAPS

LINGUISTIC ABILITIES

French: Native tongue
English: Fluent
Spanish: School level

ACTIVITIES AND INTERESTS

Leadership abilities: Member of the "Scouts de France" association (<http://www.sgdf.fr>).
Seasonal Employment: From 2000 to 2004, salesman in a french delicatessen shop and perfumery.
Athletic abilities: Swimming, Sailing.
Hobbies: Modern and contemporary Art , French and international literature, Electronic Music.
Travel: Many stays of short duration on Canada and the United States.
Misc: STL-TA Master 2nd year System Administrator, Driving License.