

BENOIT CHRISTOPHE



IT Engineer

Born 11/23/1979
in Nancy (France)
Unmarried
Driving Licence

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EDUCATION

2000-2003 :

ESIAL : French school specialized in computer science, information and communication systems engineering. Nancy (North East of France).
Speciality : **Telecommunications, Networks and Services**

1997-2000 :

Preparation for the competitive entrance examinations to French engineer schools. Specialised in Mathematics & Physics

1997 :

Baccalaureate in Mathematics, French equivalent to the Higher Level Certificate

LANGUAGES

- Good working knowledge of English
- Knowledge of German
- Knowledge of Japanese

EXPERIENCES

2002 - 2003 :

Foreign internship
[UQAM](#) Montreal
Computer science
Laboratory
Duration : 6 months

Creation of a « **traffic engineering** » module to manage **SAN (Storage Area Network)** interconnections. This work has been based on :

- SAN architecture
- Network storage management
- Requests for SAN interconnection services management

The communications were based on **Web Services technologies** :

- **WSDL, SOAP** protocol
- **UDDI**
- **Web Services business model** describe with **eBPML**

This work was based on : :

- SAN interconnection protocols (**iSCSI, FCIP**)
- Tools to retrieve network information (**MIBs**)
- Distributed architecture (**Tomcat server, JavaBeans, JSP**)
- **CISCO routers (MDF 9000, 5428 SN)**

The end of the project consisted in a research paper writing

Industrial Project
Dassault enterprise
Duration : 6 months

The goal of this project was to carry out a feasibility and development study concerning a technical « **framework** » representing a real time, object oriented and distributed architecture.

This work has been based on :

- **Embedded computer science**
- **Real time Operating System and real time ORB (TAO, ACE)**
- **RTCorba bus and distributed architecture**
- **Multithread processes scheduling**

2001-2002 :

Internship
BSI computer science
services company
Duration : 2 months

Web Service creation (**distributed architecture**) from a **client/server** application. This work has been based on :

- **Oracle application server and databases**
- Programming Oracle tools (**Forms & Report 6i**)

Main Project
Duration : 3 months

Creation of data mining software. By using PHP sessions we have tracked people on Internet. We have provided powerful statistical results and therefore have helped Web Service providers. This work has been based on :

- **client/server technologies : PHP, MySQL, ODBC/JDBC bridge**
- **Java** programming language

2000-2001 :

Main Project
Duration : 2 months

Computer assisted design software created by **Eiffel** language and **GTK** library.

SKILLS

Operating Systems

- Unix, FreeBSD, Linux, Windows (all versions)

Computer languages

- C, C++, Java, Eiffel, GTK, SQL, Web Services, .NET
- PHP, ASP, JavaScript, JSP, JavaBeans, HTML, XML, UNIX shells

Networks

- IP, IPSEC, firewalls, optical, unicast, multicast, VLAN, VPN
- routing protocols : OSPF, RIP, BGP
- Storage : SAN

Databases

- Oracle, Sybase, MySQL

Methods

- Merise with PowerAMC software
- UML with Rational Rose software

ACTIVITIES

Sports

- running (10 years practice)
- biking
- swimming

Reading

- novels : science fiction or detective novels (bilingual : English - French)
- scientific papers : network technologies, Public projects (on Sourceforge)