

Christophe Hivert

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SKILLS

- 4 years in software architecture. Building high performance, scalable, distributed applications;
- Applied mathematics/statistics;
- Cloud computing and memory data grids;
- R/Matlab;
- Java, C/C++, C# and .NET.

EXPERIENCE

VMware, Inc., Palo Alto, CA, USA *December 2007 - Present*

Software Engineer – Member of Technical Staff, R&D

Software architecture for VMware Cloud Services. Focus on database access, scalability, performance.

C#, C++, Java, Hibernate, Spring, JMS, Oracle.

Cataphora, Inc., Redwood City, CA, USA *May 2006 –November 2007*

Software Engineer

Enterprise Search, Electronic Data Discovery. Extensive knowledge of Java. Scalable web applications dedicated to information retrieval. Databases/Text Mining: Berkeley DB, Lucene.

AlphaCreations, Grenoble, France *July 2005 - September 2005*

Software Engineer Intern

Software design for a web based system dedicated to online booking of leisure boats.

ASP, VBScript, SQL Server, JavaScript, XML.

RFlex, Paris, France

May 2005 - June 2005

Software Engineer Contractor

Web application development.

ASP.NET, C#, SQL Server, IIS.

EDUCATION

University of Calgary, Calgary, Alberta, Canada *2005-2006*

Graduate Studies in Computer Science

- Performance Issues in High Speed Networks – *R, C, Gnuplot.*
- Applied cryptography and network security - *C++.*
- Web Based Systems - *J2EE.*
- Money and Banking - *hedging, financial markets and institutions.*

ENSIMAG (INPG), Grenoble, France

2003-2006

BSc, MSc. Computer Science and Applied Mathematics.

Algebra/Calculus, Probability, Statistics, Numerical Computations and Signals. Algorithms, Data Structures, Networks, Compilers, Software Architecture, Database Design.

Engineering schools preparations

2001-2003

High School Diploma in mathematics/physics with honors.

2001