

# Résumé

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Spoken languages: French and english  
Written languages: French and english

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## Employment History

**anti-bug informatique - Since May 1996**

*Programmer, analyst, architect*

Domain: Self-employed. Custom development. I set up my own programming business upon completing my DEC.

Projects:

- MynSoft - Training services (2009) - C#
- Lumec - Accounting system maintenance (2009) - Access.
- Bio-Services - Water analysis system maintenance (2008-2009) - Access.
- o-m6 - Production system maintenance (2008-2009) - Visual Basic, SQLServer.
- ROJAQ - Offense management system for young criminals (2006) - C++, PostgreSQL.
- JMADiagnostics - Billing and appointment system (2004) - C#, SQL Server.
- Aéroports de Montréal - Analysis documents (2004) - Visio.
- Personal and group insurance management system (2004) - Microsoft Access.
- Commands server for a web site (2003) - C++, Linux, PHP.
- COM components for audio codecs (2003) - C++, ATL.
- Maxin - Condensation and indexation of stenographers' documents (1998 - 2002) - C++.
- MySoft - Used space optimization module (1997) - Pascal.
- Philips Electronics - Quality Control program (1996 - 1997) - C++.
- Égérie -Financial Management for Businesses program (1996 - 1997) - Microsoft Access.
- Multimedia Year Book on CD-ROM (1996) - C++.
- Carport Plans program (1996) - C++.
- Video club - Film Rental program (1995) - C++.

Tools:

•C	•C++	•C#
•STL	•MFC	•Win32 / Win16
•DirectX	•PC-Lint	•SourceSafe
•CVS	•Windows	•Linux
•Rational Rose	•UML	•Microsoft Access
•Visual Basic (.Net)	•Java, JNI	•JSP, Servlet, Applets, Struts
•Perl	•HTML	•XML, XSLT
•Pascal	•SQL Server	•MySQL
•PostgreSQL	•Visio	

**Compuware Canada - From March 2004 until October 2008**

*Senior programmer*

Domain: Consulting (Professional services for Morgan Stanley).

Projects:

- Development of a few SOAP servers in C++ under Linux and Solaris.
- Maintenance of existing servers (C++).

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- Maintenance and development of SOAP clients in C# and C++.
- Sybase database development.
- Perl scripts development.

Tools:   •Perforce                                   •Windows                                   •Unix (Solaris, Linux)  
           •Sybase                                    •C++                                       •C#  
           •Visual Studio .NET               •emacs                                   •gcc  
           •Perl                                     •XML

**Sirsi Canada (D.R.A.) - From September 2001 until December 2003**

*Senior programmer (telecommuting)*

Domain: Design of Library software for Schools, Colleges, Universities and Municipalities.

- Projects: •Development of a new server using Java.  
 •Maintenance of existing servers (C Language).

Tools:   •Java (J2SE), JNI                       •C   •Perl  
           •CVS                                    •Rational Rose                       •Windows  
           •Unix (Solaris, AIX, Linux)       •Eclipse                               •UML  
           •Oracle                               •ISAM

**PureLogic - From February 2001 until September 2001**

*Project architect (senior programmer)*

Domain: B2B (business to business), WebServices and custom development.

- Projects: •Improvement of project architecture.  
 •New technology integration (VTier, XML et XSLT) into existing projects.  
 •Supervision and training of two junior programmers (MFC, C++, XML, XSLT, ATL).

Tools:   •C++                                       •MFC                                       •Win32  
           •VTier                                •XML, XSLT                           •COM, ATL  
           •SQL Server                       •SourceSafe                       •Rational Rose  
           •Windows                            •UML

**Toonboom Technologies - From August 2000 until February 2001**

*Senior programmer*

Domain: 2D Cartoon production software.

- Projects: •Improvement of code quality  
 •Correction of several serious problems.  
 •"Skins" implementation into application.  
 •Flash Animation Conversion (Macromedia).

Tools:   •C++                                       •MFC                                       •Win32  
           •STL                                    •SourceSafe                       •PC-Lint  
           •Windows                            •UML



HTML	6 years	XML, XSLT	4 years
Perl	4 years	DirectX	3 years
ODBC, RDO, ADO	2 years	Visual Basic	2 years
Microsoft Access	3 years	SQL Server	2 years
PostgreSQL	1 year	Sybase	4 years
Oracle	1 year		
<b>Operating system</b>			
Windows	13 years		
Unix (Linux, Solaris, AIX)	5 years	Kde under Linux	2 years
<b>Development tools</b>			
SourceSafe	7 years		
Perforce	4 years	CVS	2 years
Rational Rose	4 years	PC-lint	3 years
BoundsChecker	6 years	TrueTime	3 years
TrueCoverage	1 year	Quantify	3 years
Purify	1 year	Microsoft Visual Studio	12 years
Visio	2 years	Eclipse (Java)	3 years

## Educational Background

Since 2008 (ongoing)

### **Bachelor of Computer Science**

Université Laval

2002-2007

### **Integrating Computer Science Technology in Education Certificate**

Télé-université

2002 - 2004

### **Computer Science Certificate**

Université Laval

1993-1996

### **Computer Science**

Cégep de Saint-Jérôme

## Highlights

- I have been programming since I was **9 years old**. I used to create small game on my COCO II (Tandy) computer in Basic. Later on, I still created small games on an Apple and then on a PC using Turbo Pascal.
- **At 14** (1990-91), I created management programs for the City of Montreal Fire Department. My father, being a fireman, had asked me to create a few programs to help the firemen in completing various order forms and reports. Several of these men used and enjoyed the programs I had created in Turbo Pascal.
- **Received the gold medal for Quebec in the Professional and Technical Training Olympiads in May 1996.**