

## Jean-Philippe Christin

Software Engineer

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Languages: **French and English**

### **Professional Profile**

I have a lot of leadership and I am always committed to deliver my projects on-time. I can manage a team very efficiently in order to meet the requirements and to respect a given budget.

#### **Managerial skills**

- Very organized in planning, follow-up, presentation and reporting
- Very efficient to resolve complex issues and to face unexpected events
- Very strong knowledge of Agile software development methodologies
- Very good mentor

#### **Technical skills**

- Very strong professional experiences in C++ / C# / OpenGL / .NET / SQL
- Expert of real-time system
- Expert of visual rendering engine, content creation and image processing
- Expert in Object-oriented programming, UML et design patterns

### **Professional Experiences**

#### **CAE Montreal**

**2006-today**

Software engineer – Real-Time Visualisation System

- Project management
  - Manage team of engineer, interns, QA and 3D modellers (sometimes the team was distributed onshore and offshore)
  - Planning and follow-up with senior management team
  - Daily or weekly basis report on project status
  - Performance review
- Competitive analysis
  - Analysis and report on new technology in the market and on competitors
  - Design and architecture of the new technologies in the visual rendering engine
  - Contribute to improve the visual rendering engine
- New technologies deployment
  - Planning of the deployments
  - Deploy new technologies on customers sites and support of simulator certification
  - Training of customers and integrator specialist on the new technologies that are available
- New technology development (C++, OpenGL)
  - Design and implementation of several modules in the visual rendering engine, mainly responsible of the performance, visual quality and light sources.

## **Professional Experiences (continuation)**

### **Consultant / Developer**

**2003-today**

- Software development and commercialisation
    - Design and commercialisation of a camera monitoring software (C#, DirectX)
    - Design and commercialisation of a poker tournament manager software (C#)
  - Enterprise services
    - Web site design (PHP, HTML, HTML 5)
    - Training on new technologies
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### **Solarcan**

**2001-2005**

Programmer / Analyst

- Project management
    - Lead a team of developers
    - Planning and follow-up with upper management
    - Weekly basis reports with upper management
  - Competitive analysis
    - Analysis and report on new available technologies in the market
  - Software development (VB .NET, SQL Server)
    - Virtual doors and windows design system
    - Inventory management system
    - Accounting report and analysis
    - Manage distributed systems over many plants
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### **Autodesk Montreal**

**2005**

Software engineer – COOP on *Combustion* (Visual effect software)

- Software development
    - Shadow visual effect
    - Real-time image streaming
    - Adobe Illustrator files management
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### **Montmorency College**

**2001-2002**

Computer science teacher's helper

- Help student in programming courses
- Technical support to student and teachers

## **Education**

**Bachelor's Degree in Software Engineering** 2006  
École de Technologie Supérieure (ÉTS)

**Special mention:** Excellence scholarship from Sony Canada (1500\$)  
Follow master degree courses in my bachelor

**DEC - Computer Sciences** 2003  
Collège Montmorency, Laval

**Special mention:** ATE diploma (Alternate Work/Study)  
Scholarship from MEQ (3000\$)

**International High School Diploma** 2000  
École d'éducation internationale de Laval

## **Additional Training**

**Computer graphics conferences** (SIGGraph - Los Angeles) 2008

**Introduction to aviation** (CAE - Montréal) 2007

**Workshop on health and security in industry** (ÉTS - Montréal) 2004

**Formation on team work** (Réflex Formation – Saint-Sauveur) 2003

## **Activities and Hobbies**

**Sports:** hockey, golf, basket-ball, badminton, tennis and ping-pong

**Hobbies:** travel, sports, reading and computers

**Reference available on demand**