

David Lareau
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Education

Baccalaureate in Science with Honours in Computer Science CO-OP

University of Ottawa, Ontario, 2006 (4 years)

- Diploma grade point average: 93%. (cumulative average: 87%)
- Honours project: Platform independent layer for of input, audio and 2D graphics.

Computer Engineering Technology CO-OP

La Cité collégiale, Ottawa, Ontario, 2002 (3 years)

- Graduated with great honours. (98.25% average)

Personal Profile

- **4 years** of experience in programming jobs. (**2 years** in the video game industry)
- Advance experience with the programming languages **C**, **C++** and **Java**.
- Developed professionally for many platforms such as **Java MIDP**, **Blackberry**, **BREW** and **Windows Mobile**.
- Develops for **Windows**, **Linux** and the **Nintendo DS** at the amateur level.
- Familiar with **OpenGL**, **Java3D**, **DirectX** and **SDL** and worked on my own media layer as part of my university honours project.
- Knows the languages **Python**, **Ruby** and **J** and has basic experience with **Lex & Yacc**.
- Uses The Gimp on a regular basis for image edition.
- Manages my own **personal website**, which uses HTML, Javascript, CSS and XML with XSLT. <http://fluxrider.com> (the site does not showcase any server side technology)

Personal Interests

- Reading comics & contemporary literature.
- Playing classical guitar and accoustic bass.
- Creating and playing video games.

Experience

Magmic Games, Ottawa, Ontario

Video Game Developer, Winter 2007 to Winter 2009 (2 years)

- Developed various video games for mobile devices both in 2D and 3D.
- Optimized code for speed, memory and code size.
- Built and maintained content creation tools.
- Transcoded between C/C++/Java.

Platform Developer, Summer 2006 (4 months)

- Analysed and resolved device specific issues.
- Enhanced games by adding support for various screen size and inputs scheme.

National Research Council Canada, Ottawa, Ontario

Programmer, Winter and Fall 2005 (8 months)

- Participated in the development of a prototype for an emerging Data Mining environment.
- Involved Java, XML, unit tests and databases.

Industry Canada, Ottawa, Ontario

User Interface and Application Support Analyst, Summer 2004 (4 months)

- Updated and fixed HTML, Perl, C and JSP pages across the main website.
- Built an administration module in Perl that queries an Oracle database using SQL.

LC&D Internet Publishing, Orléans, Ontario

Programmer, Fall 2001 (4 months)

- Programmed ASP & SQL Server modules.
- Built COM objects in C++ which are then used by ASP.

Public Service Commission of Canada, Hull, Québec

Web Programmer, Summer 2000 and Winter 2001 (8 months)

- Wrote Internet applications with ASP, Perl and Flash.
- Designed web user interface along with graphics.