

Erik Miller

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Education

- **Concordia University, Montréal, Québec**
B.Sc. Computer Science Coop Programme. *Expected Graduation: April 2009*
- **Dawson College, Montréal, Québec**
D.É.C. Computer Science: Administrative Data Processing. *Graduated: 2004*

Languages

- Fluent spoken and written English. Semi-fluent French.

Computer Skills

- **Operating Systems:** Windows, UNIX (GNU/Linux), DOS
- **Programming Languages:** C++, Java, C#, PHP, Perl, Visual Basic, SQL, HTML/XHTML, JavaScript/AJAX, CSS, XML/XSL, NASM Assembly Language
- **Databases:** MySQL, Oracle, Access
- **Applications:** Microsoft Visual Studio .NET, Microsoft Office, Adobe Photoshop, Apache Tomcat, IIS, Apache Web Server, Eclipse

Work Experience

- **Developer/Programmer, Nexio: Montréal, Québec** **Fall 2007**
Was part of a team developing and maintaining a police computer aided dispatch system. Developed a web based interface for dispatch system using Java Servlets and an AJAX framework to provide real time updates of calls and messages. Aided in the designing/implementing new features to the existing system.
- **IT, Albian Sands Energy: Fort McMurray, Alberta** **Winter 2007**
Developed an application (C# with an Oracle database) for analysis and long term storage of heavy machinery statistical logs as well as small tools for various departments (C#, Access, and C++). Scoped and designed a new infrastructure for exchanging invoices and information between partnered companies.
- **Programmer/Analyst, OZ Communication: Montréal, Québec** **2006**
A summer co-op work term followed by 4 months part time employment. Developed a report automation tool (Perl) that updated monthly statistics in Excel spreadsheets.

Developed a website and content management system (PHP) for the training department for hosting of files (complete with version control), news, and upcoming/past training sessions.

○ **PHP Contractor, Self Employed** **2003 – Present**

Past endeavours include designing of content management systems, business websites, JavaScript widgets, and PHP widgets.

Recent work:

- <http://www.ftmacravens.com>
- <http://www.tobiemiller.com>

○ **Customer Service, Coles Bookstore: Montréal, Québec** **2001 – 2005**

Key holder to the store, in charge of daily store paperwork, cashiers, receiving, opening/closing the store, and some management duties.

Projects

- **Rock'Em Sock'Em Robots:** a C++ OpenGL video game based on the classic table top game. Single player vs an AI, the goal is to knock the other robots head off in a boxing match.

Volunteer Experience

- **Canadian Undergraduate Technology Conference Head Delegate** **2008**
Head delegate in charge of organizing and planning the trip to the conference

Extra Curricular Activities

- **Annual Participant in Computer Science Games (CS Games)**
Team captain for the 2008 team

Awards

- **Imagine Cup 2007, Regional Top 10** **2007**
- **Director's Award for Music, Royal West Academy** **2001**

Interests

- Reading, Game Design, Playing/Listening to Music, Programming, Rugby, Hockey

References Available Upon Request