

Gabriel Royer

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Languages

Written and spoken:

- French
- English

Education

Expected diploma : (May 2012) BSE in Software engineering
École Polytechnique de Montréal
GPA as of January 2010 3.9

May 2008 Diploma of Collegial Studies
Collège Édouard-Montpetit
Natural Sciences

Technical knowledge

Computer related knowledge

- Software : Visual Studio, Eclipse, Active HDL, Maple
- Operating system : Windows, Linux
- Programming languages : C/C++, Python, Java, x86, (X)HTML, XML, CSS, JavaScript

Experience

September 2009 -Present **École Polytechnique de Montréal**
Lab assistant – Projet initial en Génie Informatique

- Helped Student enrolled in the class
- Answered question regarding C++, AVRLibC and the ATmega16 microcontroller

May 2009 – September 2009 **Cargesti Inc.**
Analyst Programmer

- Worked on a semantic image analysis research project
- Built, using openCV, a sky detection/tagging algorithm with a false-positive rate of 1%
- Maintained Windows SBS 2003 and Windows 2008 servers

Summer 2006-2008 **City of Longueuil**
Lifeguard

- Prevented numerous accidents
- Performed spinal immobilization on a neck injury victim
- Managed and trained new employees

Scholarship and prizes

2009	Phillip et Lilly Malouf prize École Polytechnique de Montréal Prize given to the best team of each group in the « <i>Projet initial en génie informatique</i> » class. Honorary Mention in grade report École Polytechnique de Montréal GPA: 3.9 / 4.0
2008	Admission Scholarship École Polytechnique de Montréal College R score higher or equal to 32

Extracurricular activities

Development of a web application using Google AppEngine (2009 - 2010)

Tired of manually entering our schedule each and every session in our calendar application, a friend and I decided to develop an application that would retrieve our schedule from the school servers in order to output it in the iCalendar format. This application can now be found at <http://icanhasical.appspot.com>. We wrote this application for the Google AppEngine platform using the Python programming language.

Software Engineering Student Association (2009 - 2010)

Vice-president of communications

My role as vice-president of communication for the software engineering student association is to ensure that every decisions made by the association is communicated to the rest of the students. Therefore I am responsible to advertise events such as the annual Cheese & Wine evening.

Computer Science Games (2009)

Chief of delegation

As chief of delegation, my role was to assemble a team who would compete in the annual Computer Sciences Games. I was also involved in many of the competitions during the event, such as debugging, team software engineering and Web development.

Interests and occupations

- Sports : Racquetball, swing dance, swimming
- Computers : Web2.0, blogs, programming, video games

Strengths

- Fast learner
- Autonomous
- Perseverent
- Dynamic
- Advanced C++ and STL knowledge
- Passionate about software development