

GABRIEL BUSSIERES

49 Bellevue Avenue, Toronto (Ontario) M5T 2N5
Mobile: (519) 532 6482 | Gab.Bussieres@mail.utoronto.ca

Current Objective

A Professional Experience Year placement in a computer science related field. Eager to learn new concepts, strategies, and programming languages in an enriching work environment. Interested in applying acquired knowledge to real world situations. Any equivalent options would provide growth and development in my field of interest.

Education

Honour Bachelor of Science, University of Toronto, Faculty of Arts and Science 2013 - Present
Computer Science Specialist and Psychology Minor, 3rd year, CGPA: 3.06

Relevant Courses: Software Design, Algorithm Design and Analysis, Data Structures and Analysis, Databases, Programming Languages, Interactive Computational Media, Web Programming

Skills

Technical Skills:

- Programming Languages: Java, Python, C, C#, Racket, Haskell
- Databases: SQL, XQuery, MongoDB, Relational Databases
- Web: HTML & CSS, Bootstrap, JavaScript, jQuery, Django
- Version Control: Git, Subversion
- Operating Systems: Windows, OS X, Linux
- Other CS-related: UML, Unity3D, Verilog, Algorithms, Data Structures

General Skills:

- Fluent English and French communication skills, including oral and written. Basic Spanish.
- Misc: Sales, teamwork, customer service, retail, fast food, cash handling, time management, high-pressure work environments.

Relevant Projects

Interactive Museum Exhibits Summer 2015 - Present

- Invited to work with Steve Engels, a senior lecturer at the University of Toronto, to integrate new technology into the Royal Ontario Museum.
- Developed a photo booth with a partner using a Kinect V1 Sensor and Unity3D.
- Wrote scripts in C#. Functionalities implemented include changing outfits, changing the background, saving photos, and sending those photos to museum visitors via email.
- Communicated weekly with Engels for brainstorming. Presented our work every month to employees at the Royal Ontario Museum, including the CEO and the project manager.
- The Royal Ontario Museum has decided to continue working with our group and offered to demo our projects in exhibits and events.

Personal Projects

2015 - Present

- A video game using Unity3D about a jellyfish looking for plankton underwater and avoiding predators. The scripts are written in C#.
- A web resume written in HTML & CSS. Bootstrap was used as a front-end framework.

School Projects

2014 - Present

- ShipNow – a sharing economy website where users can act as a deliverer or a receiver. A receiver can post delivery requests, which can be accepted by deliverers in the area.
- Single-player pong game made entirely through VGA, written in Verilog.
- An Android application oriented towards the prioritization and the documentation of patients at a hospital.

Work Experience

The Gap, 260 Yonge Street, Toronto, Ontario

August 2014 to March 2015

Worked as a sales associate. Tasks included greeting, relating, and engaging with the customer; keeping the merchandise organized; and retrieving products from stock when necessary.

McDonald's, 980 Dundas Street, Woodstock, Ontario

June 2012 to July 2013

Worked at the front counter and drive-thru. Tasks included taking orders, money handling, working with other crew members, managing time, prioritizing orders, and communicating with customers.

Volunteer work:

2012-2013: Organized two community dances at *École Secondaire Notre Dame* for junior high students in Woodstock, Ontario.

May 2012: Participated in a humanitarian trip to Guatemala. Organized with the High Skills Major program in non-profit at *École Secondaire Notre Dame* and *Behrhorst Partners for Development*. The goal of the trip was to promote personal hygiene and build outdoor latrines in the rural community of Chichicastenango, Guatemala.

April 2012: Selected within *Conseil scolaire catholique Providence* (school board) to participate in *Expérience Dominicaine*: A humanitarian trip to the Dominican Republic with the goal of understanding the lives of those living in Third World countries. Performed manual labour alongside families; mostly local sugar cane farmers, in order to comprehend the economic disparities existing within the rural areas of Santo Domingo, Dominican Republic.

Secondary School Bursaries

- \$250 CSDECSO – Postsecondary education to university
- \$200 Lefler Bursary – Data Management
- \$200 Lefler Bursary – Advanced Functions
- \$100 Voegelin Bursary – Mathematics
- \$100 High Skills Major Bursary
- \$100 Agribrands Purina Canada Ltd. Bursary
- \$100 DeSerres Bursary – French

Interests

- Snowboarding, Artificial Intelligence, Psychology, Video games, Film