

Kristyn Girard

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EDUCATION & ACHIEVEMENTS

Honours Bachelor of Computer Science, Minor in Psychology

Expected June 2015

Carleton University, Ottawa, Ontario, Canada

- 4th Year standing, Current GPA: 11.4/12, A
- Dean's List for achieving average over 80% *2011-2014*
- Carleton Academic Scholarship (\$3000 value) *2011-2014*
- Gaylen Duncan Scholarship (\$1500 value) *2013*

Relevant Courses

- Object-Oriented Software Engineering
- Database Systems
- Abstract Data Types
- Algorithms
- Mobile Applications
- Fundamentals of Web Applications
- Algebra I & II

Related Academic Project

Teaching Assistant Evaluation Project, Grade: A

Fall 2013

- Worked as part of a team to develop a system to assist in the communication between instructors and TAs by managing assigned tasks and feedback evaluations using Qt Creator (C++ UI framework)
- Selected as team leader, organized and maintained project progress, designed over 60% of client side code
- Addressed the full software life cycle from requirements analysis to deployment

SKILLS

Technical Skills

- **Computer Languages:** Java, C, C++, HTML, CSS, UML, Javascript, SQL, Python, Scheme, Prolog
- **Operating Systems:** Microsoft Windows, Mac OS X, Linux/Unix
- **Software:** Eclipse, Xcode, Processing, Qt Creator, DrRacket, Wordpress, Photoshop

Communication Skills

- Mentored science students by discussing their academic challenges and directing them to external resources resulting in an increase in the students' academic achievement
- Transcribed lecture notes for students with disabilities with the Paul Menton Centre resulting in an increase of the students' understanding of the course material
- Promoted the Navan Fair through social media, posters, and brochures leading to an increase in attendance
- Fluent in English and French

Management Skills

- Evaluated and reviewed lower year computer science students' weekly assignments leading to the students receiving feedback on their work and learning from their errors
- Supervised a group of young girls through Virtual Ventures resulting in their safety with the materials used and their enjoyment of the activities
- Coordinated with other members of Carleton University's Women in Science and Engineering group to plan various movie nights and social events resulting in new friendships and enjoyable experiences for the attendees

WORK EXPERIENCE

Teaching Assistant (COMP 1405, 1406, 2404)

September 2012 - December 2014

Carleton University, Ottawa, Ontario, Canada

- Held regular office hours to assist lower year students with course material or assignments
- Graded weekly assignments or tests and resolved any conflicts the students may have had
- Proctored tests and exams

VOLUNTEER EXPERIENCE

Virtual Ventures Volunteer

Present

- Introduce girls in grades 4-7 to engineering and technology with hands-on activities such as bridge building crafts and game designing with Scratch

Science Student Success Centre Mentor

May 2014 - Present

Carleton University, Ottawa, Ontario, Canada

- Work one-on-one with undergraduate Science students to define and accomplish goals for success
- Organize guest speakers and events in which students can network with professionals and learn more about different career paths

Website Designer

June 2013 - Present

Navan Fair, Navan, Ontario, Canada

- Designed layout of navanfair.com using WordPress, increasing site traffic
- Update the website with current events regarding the Navan Fair

Secretary

June-August 2006 - Present

Navan Fair Culinary Arts Division, Navan, Ontario, Canada

- Manage exhibitors information, entry tags, and money payout forms

Go Code Girl Volunteer

March 2014

University of Ottawa, Ottawa, Ontario, Canada

- Mentored high school girls with learning basic coding techniques using Python's Turtle graphics

Go Eng Girl Volunteer

October 2013

Carleton University, Ottawa, Ontario, Canada

- Introduced middle school girls to computer science using interactive games in Scratch

EXTRA-CURRICULAR ACTIVITIES

Carleton Women in Science and Engineering Events Officer

September 2012 - Present

Carleton University, Ottawa, Ontario, Canada

- Organize events to encourage women to pursue careers in Science and Engineering, including outreach activities, guest speakers, and meet and greets

Paul Menton Centre Volunteer Notetaker

September 2012 - December 2014

Carleton University, Ottawa, Ontario, Canada

Ontario Celebration of Women in Computing Attendee

October 2012, 2013, 2014

Grace Hopper Celebration of Women in Computing Attendee

October 2014