**Rachel Katrina Yip**

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**SKILLS AND QUALIFICATIONS**-Fast learning, driven computer scientist who enjoys to find elegant solutions to challenging problems   
-Excellent interpersonal, management, multitasking and organizational skills  
-Excellent critical thinking skills to develop the most efficient strategy and solution  
-Able to thrive in both a single and team setting while effectively communicating ideas  
-Strong oral communication and written communication skills established from various leadership roles  
-Competent in the following programming languages and software:

-Java and Processing  
-C++ and C

-JavaScript/jQuery  
-HTML/CSS  
-Microsoft Word/PowerPoint/Excel  
-Photoshop

**EDUCATION**  
Third Year **Bachelor of Computer Science, Minor Food Science**Carleton University, Ottawa ON Sept 2014-Present-Entrance Scholarship – 2014 (85-89.9% admission average)  
-Relevant courses include: *Introduction to Computer Science in C++ and Java, Problem Solving and Computers, Introduction to System Programming, Multivariable Calculus for Engineering Students, Mathematical Methods 1, Analytic Chemistry, Chemistry for Engineering Students*

**WORK EXPERIENCE**

**Junior Programmer, Information Technology, Canadian Revenue Agency,** Ottawa ON Sept 2016-Present

-Test software and hardware and their compatibility with Windows 10 OS  
-Upload client files into electronic form  
-Quality assurance with websites within the Canadian Revenue Agency and fix the errors using HTML and JavaScript

**Computer Programming Tutor,** Ottawa ON January 2016-Present  
-Develop programming curriculum tailored to each student being tutored

-Create various, unique activities to teach effective and efficient problem solving

**Actua Curriculum Developer and Instructor**, Ottawa ON May 2015-Present  
-Develop and design unique computer science, engineering and science related curriculum to teach students between grades one to nine  
-Deliver workshops at schools and various promotional events  
-Manage volunteers by teaching them the curriculum and ensuring that they complete the tasks at hand

-Constantly adapting to change and being able to make decisions with limited resources and time

**SCHOOL INVOLVMENT**

**Vice President Finances for Power to Change,** Ottawa ON August 2016-Present  
-Keep track of financial transactions being made between Power to Change and other companies  
-Sign cheques for reimbursement from CUSA fund  
-Attend various meetings with CUSA to outline the budget and to discuss other mandatory financial rules

**Vice President of Strategies and Support,** Engineers Without Borders Carleton Sept 2015-May 2016   
-Coordinate with the president the various activities that are happening within the chapter

-Offer support to the members of the executive team through helping to organize events or doing administrative tasks

**Director of Fundraising,** Engineers Without Borders Carleton Sept 2014-April 2015   
-Headed and executed several coffeehouses to raise money for the Engineers Without Borders Junior Fellowship Program  
-Oversaw advertisement through social media, posters and tabling  
-Organized the various performers, acts and schedules

**Director of Fundraising,** Fairtrade Carleton Sept 2014-Dec 2014   
-Set up a table and marketed Fairtrade Carleton to various students for different fundraising events including learning sessions and coffeehouses  
-Headed and executed several coffeehouses to raise money for the different Fairtrade Carleton’s chapters activities

**VOLUNTEER EXPERIENCE**

**Workshop Coordinator,** Global Engineering Conference May 2015  
-Develop and ran a workshop on females in STEM professions, specifically technology  
-Oversaw the organization of multiple workshops  
-Organized volunteers for various workshops

**Student Representative,** Unite to Unlock Conference Jan 2015  
-Attended workshops on co-creating, public services and small and growing businesses  
-Pitched ideas involving solving world poverty, sustainable economic growth and startups

**INTERESTS AND ACTIVITIES**

**Health and Nutrition:** In my free time I enjoy writing on my blog about holistic nutrition, different recipes I have developed and lifestyle tips. I regularly practice yoga and enjoy getting outdoors as often as I can either to hike or run.  
**Music:** I have completed up to level nine of the Royal Conservatory of Music for piano and still continue to play both classical and relevant music. I am also a self-taught acoustic and electric guitarist, as well as classically trained on the flute. I play various other instruments including the ukulele, hand percussion and harmonica.