

# Kayman Brusse

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## EDUCATION

- Bachelor of Science, Honours** 3.81 GPA 2014 - *Expected* 2019  
Computer Science Specialist, Mathematics Major  
University of Toronto, Toronto, ON
- Ontario Secondary School Diploma, Honours** 2009 - 2013  
Erin District High School, Erin, ON

## WORK EXPERIENCE

- Technical Systems Analyst (Student)** May - August 2016  
RBC Capital Markets, Toronto, ON
- Performed daily tasks to support and maintain a program trading application.
  - Worked in Java to develop scalable solutions for automating tasks, verifying program correctness, and logging.
  - Developed a web app for generating daily reports; deployed to the cloud using PaaS and DevOps technologies.
- Camp Counselor / Assistant Program Director** Summers 2011 - 2014  
Eco Camp, Island Lake Conservation Area, Orangeville, ON
- Led a group of children aged 7 to 12 through a variety of outdoor activities (hiking, archery, canoeing) and taught them about the environment.
  - Managed daily programming for each group and worked to increase the number of options campers had when choosing activities.

## SKILLS

*Programming Languages:* Java, Python, L<sup>A</sup>T<sub>E</sub>X, HTML/CSS, C (Familiar), SQL (Familiar)  
*Software / Skills:* Agile, OOP, Linux (Arch), Subversion, Git, Maven, Adobe Creative Suite.

## PROJECTS

*Website URL:* [kaymanb.me](http://kaymanb.me)

- Dungeon Crawler Game** June 2016 - *Present*  
A Rogue-like game with ASCII graphics, written in Python using the curses library.
- Developed several ways of randomly generating dungeons.
  - Implemented an efficient Field-of-vision algorithm.
  - Currently working on NPC AI and combat mechanics.

## AWARDS

- New College In-Course Scholarship 2016
- UofT Dean's List 2015 / 2016
- Erin Optimists Award, Tech Support 2013
- Erin District High School Technology Award 2013

*References available on request*