# 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, LaTeX, C (Familiar), SQL (Familiar)
*Software / Skills:* Agile, OOP, Linux (Arch), Subversion, Git, Adobe
Creative Suite (Photoshop, Illustrator, After Effects).

## PROJECTS

*Website URL:* 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*