## Ross Hill

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## Education

Honours Bachelor of Computing in Software Design (B.Cmp.H.)

Exp. April 2020

- ◆ Queen's University, Kingston, Ontario
- ◆ GPA: 3.7/4.3

## **Software Projects**

Mandelbrot Set Visualizer (Python 3 / Pillow / Tkinter)

2016

- An object oriented interactive Mandelbrot set, made with Python 3, and the PIL and Tkinter modules.
- <a href="https://github.com/rosslh/Interactive-Python-Mandelbrot">https://github.com/rosslh/Interactive-Python-Mandelbrot</a>

HidePass - Firefox Webextension (Javascript)

2016

- A security extension for Firefox which hides the asterisks normally shown when entering a password, so that the length of one's password cannot be determined.
- https://github.com/rosslh/hidepass

Justlink.co - Smart URL Shortener (Python / Django / PostgreSQL)

2015

- Written in Python using the Django framework, you simply need to type "justlink.co/your-description-here".
- ◆ Justlink.co takes your description and queries a search engine for its first result. It then redirects you to that result.
- <a href="https://github.com/rosslh/justlink.co">https://github.com/rosslh/justlink.co</a>

Personal Website (HTML5 / SASS / JQuery)

2013 - Present

- My personal homepage, made to showcase my favorite projects.
- It is responsive and mobile-first, and works properly on devices of all sizes.
- https://github.com/rosslh/rosshill.ca

## **Work Experience**

Walkhome Service Staff, Queen's University

September 2016 – Present

- Walkhome is a Queen's student-run service that provides safe walks to students on and near the Queen's University campus.
- ◆ As a service staff member, I was expected to be personable and make good conversation while ensuring the comfort of my patrons.

Ski Coach / Ski Instructor, Caledon Ski Club

Winters, 2013 - 2016

- In Alpine Development, I taught children how to ski, from their first time on skis to racing competitively.
- I gained experience in leading medium-size groups and working in a team with other employees.

Counseling Staff, Camp Hurontario

Summers, 2014 – 2016

- Over the summers of 2014 to 2016, I was as a counselor for at this canoe tripping camp on the Georgian Bay.
- In this position I worked with many different age groups from six to fourteen years old, and gained experience in working with people of different ability levels and interests.