

Ross Hill

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EDUCATION

Queen's University
Honours Bachelor of Computing in Software Design (B.Comp.H.)

Kingston, ON
Exp. April 2020

WORK EXPERIENCE

Software Development Intern
Nudge.ai (AI powered sales platform)

May 2017 – August 2017
Toronto, ON

- ◆ Using React.js with Redux, I created a modern interface for Nudge employees to carry out administrative tasks.
- ◆ Interacting with a RESTful API, this interface allows an administrator to create, delete, or modify accounts, and to directly access and modify person and company data used by the sales platform.
- ◆ The administrative interface is now used daily by all areas of the company, including the CEO and CTO, customer success, and developers alike, to manage user and team accounts and to improve data quality.

Ski Racing Coach / Ski Instructor
Caledon Ski Club

Winters, 2013 – 2016
Caledon, ON

- ◆ 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
Georgian Bay, ON

- ◆ As a counselor 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.

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.
- ◆ <https://github.com/rosslh/Interactive-Python-Mandelbrot>

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)

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.
- ◆ <https://github.com/rosslh/justlink.co>

TECHNICAL SKILLS

Programming Languages: Javascript, Python, Java, SQL, C++, Arduino

Office: Word, Excel, Powerpoint

DevOps: Git, Github, Linux, TeamCity

Web Dev: Javascript, Node, React (Redux), Webpack 2, Babel, HTML5, CSS3, SASS, Bootstrap, Django, Normalizr, REST APIs

Databases: MySQL, PostgreSQL, MongoDB