

# Ross Hill

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## EDUCATION

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

Kingston, ON  
Anticipated April 2020

## WORK EXPERIENCE

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Chief Technology Officer  
MUSE Magazine – Queen's University student magazine

October 2017 – Present  
Kingston, ON

- ◆ I designed and developed a WordPress-based platform for publishing student-submitted articles online, that reflects the design-language of the physical MUSE magazine.

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.

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

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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

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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