

# Ross Hill

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## EDUCATION

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

Kingston, ON  
April 2020

## WORK EXPERIENCE

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### Full-Stack Intern – Nudge.ai

*May 2018– August 2018*

React.js • Redux • .NET • ASP.NET Razor

- ◆ I implemented a system for receiving, verifying, and handling GDPR requests.
- ◆ In 2018, Nudge.ai began providing publicly available web pages to showcase our company data. I created a system to assess and improve the quality of our public-facing data.
- ◆ I added the capability for users to suggest changes to the information shown in our public pages with an intuitive interface.

### Front-End Intern – Nudge.ai

*May 2017 – August 2017*

React.js • Redux

- ◆ I created a web application that Nudge employees use to carry out administrative tasks.
- ◆ The application allows an administrator to modify user accounts and company data used by the sales platform.
- ◆ The website is used daily by all areas of the company, including the CEO, to manage user and team accounts and to improve data quality.

### Ski Racing Coach – Caledon Ski Club

*Winters, 2013 – 2016*

- ◆ In alpine development, I taught children how to ski – from their first time on skis to racing competitively in a team.
- ◆ I gained experience in leading a team and working closely with other employees.

### Counselor – Camp Hurontario

*Summers, 2014 – 2016*

- ◆ As a counselor I worked with many different age groups and gained leadership experience leading multi-week canoe trips.

## EXTRACURRICULAR ACTIVITIES

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### Technology Executive – QHacks

*April 2018 – February 2019*

React.js • Redux • Gatsby • Lerna

- ◆ QHacks is a “hackathon” hosted at Queen’s University where software developers come together to collaborate on projects and win prizes.
- ◆ I am creating a landing page for the event and building the “QHacks Dashboard”, an online platform for QHacks participants.
- ◆ I am helping the executive team automate repetitive tasks and collecting QHacks participant data for analytics.

### Chief Technology Officer – MUSE Magazine

*October 2017 – April 2018*

WordPress • CSS • JavaScript

- ◆ I designed a WordPress-based platform for publishing student-submitted articles online, that reflects the design-language of the physical MUSE magazine. In this role, I also took on any issues the online team faces in the publishing of articles.

## PERSONAL SOFTWARE PROJECTS

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### WTFormat – a Moment.js tool ([wtformat.com](http://wtformat.com))

*2018*

JavaScript • HTML • CSS

- ◆ Moment.js is a JavaScript library that can be used to display dates in various formats. For example, if you give Moment.js the date `2018-12-31` and the format code `MMM. D, 'YY`, it will output `Dec. 31 '18`.
- ◆ I created WTFormat, an online tool that, instead of taking a date and a format code and it returning a formatted date, it takes a date and a formatted date and returns the corresponding format code

### Mandelbrot Set Visualizer

*2016*

Python 3 • Pillow • Tkinter

- ◆ I created an interactive program to explore the Mandelbrot Set, which is a famous example of a fractal in mathematics.