

Ross Hill

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EDUCATION

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

Kingston, ON
April 2020

WORK EXPERIENCE

Intern – Verafin

May 2019– August 2019

Backbone.js • Java • PostgreSQL

- ◆ I made multiple upgrades and bug fixes to the user interface that were requested by Verafin clients
- ◆ I created a plugin for identifying high risk customers based on user and transaction characteristics, and improved existing plugins

Full-Stack Intern – Nudge.ai

May 2018– August 2018

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

- ◆ 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 • Webpack

- ◆ I created a web application that Nudge employees use to carry out administrative tasks.
- ◆ The application gives administrators a suite of internal tools 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.

EXTRACURRICULAR ACTIVITIES

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

WtFormat – a Moment.js tool (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.