

# Ross Hill

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## EDUCATION

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### Queen's University

Bachelor of Computing Honours in Software Design

Kingston, ON

September 2016 - Present

## PROFESSIONAL EXPERIENCE

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### Verafin

*Intern*

Toronto, ON

May 2019 - August 2019

- I made multiple upgrades and bug fixes to the user interface that were requested by Verafin clients
- I created a Verafin plugin that identifies high risk customers based on transaction and biographical characteristics

### Nudge.ai

*Full Stack Intern*

Toronto, ON

May 2018 - August 2019

- I implemented a system for receiving, verifying, and handling GDPR requests
- I also added the capability for users to suggest changes to the information shown in our public pages with an intuitive interface

### Nudge.ai

*Front End Intern*

Toronto, ON

May 2017 - August 2017

- 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

## PROJECTS

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### Metaprojection *React, Gatsby, GraphQL*

[metaprojection.ca](http://metaprojection.ca)

MetaProjection is a website that aggregates multiple Canadian federal electoral projections in order to provide an overview of how the election is playing out, both federally and by district

### Dodgeball: The Game *Unity3D*

[rosshill.ca/timeline/dodgeball:-the-game](http://rosshill.ca/timeline/dodgeball:-the-game)

For Human-Computer Interaction, a course at Queen's, my group created a dodgeball game with motion tracking

### Mandelbrot Set Visualizer *Python*

[rosshill.ca/timeline/mandelbrot-set-explorer](http://rosshill.ca/timeline/mandelbrot-set-explorer)

An interactive application that lets you explore the Mandelbrot set fractal

## EXTRACURRICULARS

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### Concrete Rose Foundation

*Director of Technology*

Kingston, ON

October 2019 - Present

- I am creating a website for the Concrete Rose Foundation (CRF), a student-run non-profit organization founded at Queen's University which provides access to education for those restricted by socioeconomic barriers

### QTMA

*Software Developer*

Kingston, ON

September 2019 - Present

- QTMA is a club at Queen's where three product teams develop a software application throughout the school year. This year I am working on one of those teams to build a web application for collaborative note taking

### QHacks

*Lead Developer*

Kingston, ON

April 2018 - March 2019

- In my role on the QHacks executive team, I worked with a two other members of the exec to build the landing page for the hackathon as well as the interface students use to apply

## SKILLS

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Programming Languages: JavaScript, Python, C#, PostgreSQL, GraphQL, HTML, CSS, Java

Libraries: React, Svelte, Django, Gatsby, Backbone.js, Arduino, Raspberry Pi, .NET