

# Ross Hill

Toronto, Ontario · ross@rosshill.ca · 647-968-2019 · RossHill.ca

## EDUCATION

---

**Bachelor of Computing Honours in Software Design** (SODE-P-BCH)  
Queen's University

September 2016 - April 2020  
Kingston, Ontario

## PROJECTS

---

**ReqWise** *Node, Svelte, Google Cloud Platform*

reqwise.com

- Designed and built ReqWise, a full-stack web application that helps web developers understand stakeholder needs, propose software requirements and designs, and seek approval from stakeholders
- Integrated various third-party libraries, including Slack's Node SDK, Shopify's Draggable library for drag-and-drop, Quill for rich-text comments, and Sentry for error tracking
- Added continuous integration which runs automated end-to-end tests for each commit using Cypress
- Deployed to Google Cloud Platform's App Engine, Cloud Storage, Cloud SQL, and Cloud Function services

**Metaprojection** *React, Gatsby, GraphQL*

metaprojection.ca

- Created MetaProjection, 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

## PROFESSIONAL EXPERIENCE

---

**Software Developer Intern**

Verafin

May 2019 - August 2019

Toronto, Ontario

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

**Software Developer Intern**

Nudge.ai

Summers, 2017 and 2018

Toronto, Ontario

- Using React.js with Redux, I created a web interface for Nudge employees to carry out administrative tasks such as managing users
- I implemented a system for receiving, verifying, and handling GDPR requests from users
- I added the capability for users to suggest changes to the information shown in public-facing pages

## ORGANIZATIONS

---

**Director of Controls, Data, and Automation**

Queen's Vertical Farming Team

October 2019 - Present

Kingston, Ontario

- In charge of running weekly meetings, setting goals, and providing technical assistance to team members
- The CDA team's goal is to build an automated system for adjusting environment variables, such as temperature or light intensity, in order to maximize crop yield

**Software Developer**

Queen's Technology and Media Association

September 2019 - Present

Kingston, Ontario

- Software developer in an eight-person product team, within a tech incubator at Queen's University
- I built a user interface using React.js for Studii, a collaborative studying web application for students

**Software Developer**

QHacks

April 2018 - March 2019

Kingston, Ontario

- I built the landing page for the hackathon and a web application which over 1800 students used to apply
- The websites were built with React and used GraphQL to retrieve data for the user interface

## SKILLS

---

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

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

Infrastructure: Google Cloud Platform, GitHub Actions, Twilio SendGrid, Sentry, Firebase