

## SKILLS

**Languages** JavaScript, Python, PHP, C, C++, SQL, CSS/SCSS, HTML

**Technologies** Node.js, React, Express, jQuery, MySQL, MongoDB, AWS, Git

## EXPERIENCE

### Full Stack Developer Tulip Retail

May 2018 — Aug. 2018

- Implemented a WebView module from design to production with JavaScript and Framework7 for customers to control their communication permissions in accordance with GDPR
- Developed and integrated a robust set of API endpoints with PHP and MySQL across a multi-layer platform architecture to manage customer data
- Established a cross-team CI pipeline and linter for all JavaScript modules to increase code stability

### Software Developer Viceroy Media Inc.

Aug. 2016 — Jun. 2017

- Developed a course catalog, ratings, and search for a web app network for the University of Guelph
- Created a payment and checkout system for a web hosting service by integrating the Stripe API

## PROJECTS

### tedxuw.com TEDxUW

May 2018 — Present

Full website and coming soon page made from scratch with React, SCSS, HTML, and JavaScript

- Overhauled and rebranded TEDxUW's website, attracting 700 attendees and over 950 email signups

### Hungr.ai Hack Western IV (Organizer's Choice Award)

Nov. 2017

AI version of the popular game Hungry Hungry Hippos, controlled with a RPi, camera, and servo motors

- Implemented Python multithreading for concurrent servo movement and sent OpenCV image data with WebSockets to a Flask server in order to capture and predict moving balls' positions

### Point 2 Speech MasseyHacks III (3rd Place Finalist + Best Hardware + Best 3D Printed)

Apr. 2017

Device to assist the visually impaired which speaks out loud text on a page when pointed to in real time

- Used Tesseract.js for OCR and applied LeapMotion technology to capture finger position

## ACTIVITIES

### Head of Ceremonies and Activities Hack the North

Mar. 2018 — Present

- Led a team to organize ceremonies for Canada's biggest hackathon with over 1000 attendees
- Coordinated and facilitated 16 event activities, collaborated with web, marketing, and design teams

### Founder and Director Ridge Hacks

Sep. 2016 — Dec. 2016

- Spearheaded the first (now annual) student-run hackathon in the Halton District school region
- Led a team of 15 organizers to craft a memorable experience for over 60 first time hackers

## EDUCATION

### Bachelor of Software Engineering University of Waterloo

Sep. 2017 — Apr. 2022