

Skills

- Highly proficient with C/C++, HTML, CSS, Javascript, Typescript, node.js, Ruby, Rails and Git
- Experienced with Lua, Bash, Python, AngularJS, React, AWS, MySQL and Mercurial
- Conversational ability in both written and spoken French

Projects

tweet-scrape

- Scrapes tweets by reverse-engineering Twitter's AJAX calls

Cover letter generator

- Ruby script that generates tailored cover letters for WaterlooWorks job postings

RSA Encryptor

- node.js CLI tool to encrypt/decrypt text files

aopal.ca

- Personal website using GitHub Pages

Clubs/societies

mathNEWS

- Writer/journalist since September 2016
- Editor since January 2018

Kitchener-Waterloo Sertoma Speed Skating Club

- Athlete since 2007, assistant coach since 2012

UW Creative Writing Club

- Member since January 2016, interim president spring 2017

Hobbies

Writing

- Poetry, short fiction. Slowly working on a novel

Music

- Amateur singer and acoustic guitarist

The Outdoors

- Avid canoeist, hiker and rock climber

Experience

Software Developer Co-op, Vidyard

September - December 2017

- React, node.js, Ruby, Rails, MySQL, AWS
- Helped rebrand the Vidyard GoVideo chrome extension
- Data aggregation using the Facebook Graph API and the Youtube Analytics API
- Set up new microservices on AWS

Junior Software Engineer, Flipp

January - April 2017

- Back-end work using Ruby on Rails and AWS
- Researched new technologies, presented findings to project managers/owners and team leads
- Designed solutions to several long standing issues
- Defined and documented coding style for unit test

Web Developer, Imagine Communications

May - August 2016

- Front-end web development using HTML, CSS, Typescript and AngularJS 1.5
- Researched and created proof of concepts for multiple new technologies
- Worked directly with QA engineers to quickly fix bugs

Software Developer, Encircle

July - August 2015

- Front-end web development using HTML, CSS, Coffeescript and node.js
- Independently implemented bug fixes and added functionality to the company website
- Designed and prototyped new features

Education

University of Waterloo, Waterloo, ON

September 2015 - Present

Candidate for Bachelor of Computer Science, Honours
Minoring in English Language and Literature