

Skills

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

Projects

RSA Cryptosystem

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

aopal.ca

- Personal website hosted on Heroku

Cover letter generator

- Ruby script to generate tailored cover letter for WaterlooWorks job posting

Clubs/societies

mathNEWS

- Writer/journalist since September 2016
- Two-time winner of Article of the Issue

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

Education

University of Waterloo, Waterloo ON

September 2015 - Present

Candidate for Bachelor of Honours Computer Science

Minoring in English Language and Literature

Experience

Software Developer Co-op

Vidyard, Kitchener

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

Junior Software Engineer

Flipp, Toronto

January - April 2017

- Back-end work using Ruby on Rails, AWS and Docker
- Completed both Kanban-style daily support ticket and Scrum-style sprint work
- 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

Full-Stack Web Developer

Imagine Communications, Waterloo

May - August 2016

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

Software Developer

Encircle, Kitchener

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