

Summary of Qualifications

- **Languages:** JavaScript, Coffeescript, Ruby, Python, Java, C, C++
- **Frameworks:** AngularJS, Backbone, Marionette, jQuery, Node, Rails, Express, Flask, Sass
- **Tools/Services:** Grunt, Mocha, Heroku, Parse, Git, REST, Unix

Experience

500px | Full Stack Developer | Backbone, Marionette, Ruby on Rails Jan. – Apr. 2016

- Built several components of the new logged in home experience, to increase engagement
- Created an OEmbed API endpoint for attributing photos to our photographers when shared to services such as Pinterest
- Added API endpoints for user-directed opt in/out of new features
- Implemented new bulk APIs for comments and photos for new home page components
- Worked with other teams to improve metrics accuracy, including a Google Analytics overhaul
- Optimized the photo page to reduce API calls to the related photos endpoint by 80%

TextNow | Web Developer | AngularJS, Backbone, Marionette, Node, Express May – Dec. 2015

- Architected and built a localization switcher so users can switch from English to Spanish
- Built a new landing page for the TextNow website and a new payment process for checkout
- Added an automated testing framework for the TextNow web app, written with Mocha
- Improved JS asset injection, speeding up load times by 25% and reducing file sizes by 40%

Projects

lita-resistance | Ruby Jan. 2016

- Built a lita adapter for Resistance, which assigns roles to chat participants

Tech Retreat | Co-Founder Apr. 2015 - Present

- Organized a hackathon for 150 high school students
- Created the website and coordinated sponsorships and logistics

BarberShop Bookings | AngularJS, Sass, Parse May – Sept. 2015

- Built the admin panel for a Barber's booking system
- Provides analytics and user/booking management for the barber, with data stored in Parse

GlowStone | AngularJS, Sass, Parse May 2015

- A location-based information system for museums and public attractions
- Made a web app that allows curators to program a beacon near an exhibit with contextual info

Roomi | AngularJS, Sass, Meteor, MongoDB Mar. 2015

- A communication and organizational hub for roommates
- Added a bill splitter that keeps track of roommates' balances to each other, with MongoDB

MolarFast | AngularJS, Flask, Python Nov. 2014

- A molar mass calculator and temperature converter
- Wrote the Flask API and developed the client-facing website

Education

University of Waterloo Sept. 2014 - Present

- Candidate for Bachelor of Software Engineering
- Relevant Courses: Data Structures and Data Management, Software Engineering Principles