

Summary

- **Languages:** JavaScript (CoffeeScript), Ruby, SQL, Python, Java, C, C++
- **Frameworks:** AngularJS, Backbone, Marionette, jQuery, Node, Rails, Express, Flask, Sass
- **Tools/Services:** Grunt, Gulp, Mocha, Heroku, Parse
- **Interests:** Board games, photography, rock climbing

Experience

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

- Optimized the photo page to reduce API calls to the related photos endpoint by 80%
- Built several components of the new home feed and onboarding flow to increase engagement
- Created new back-end components and APIs for Photos, Comments, and Quests
- Worked with other teams to improve metrics in the ETL pipeline and Google Analytics

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

- Improved JS asset injection, speeding up load times by 25% and reducing file sizes by 40%
- Built a new landing page and a new payment process for checkout
- Architected and built a localization switcher
- Added a Mocha-based automated testing framework

Projects

lita-resistance | Ruby Jan. 2016

- Built a chatbot that selects roles (from Resistance) and assigns them to chat participants
- Wrote code in a modular fashion for expandability, with tests, and is available as a Gem

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

- Built an admin panel using Angular directives and services, by following best practices
- Provides analytics and user/booking management using Parse as a data-store

GlowStone | AngularJS, Sass, Parse May 2015

- A location-based information system for museums and public attractions
- Built a webapp in Angular, using services to communicate with the Parse API

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

- A communication and organizational hub for roommates
- Created a bill splitter that calculates and tracks roommates' balances to each other

MolarFast | AngularJS, Flask, Python Nov. 2014

- Built a lightweight Flask API which calculates molar masses
- Wrote the front-end using Angular to handle data binding and AJAX calls

Initiatives

Tech Retreat | Co-Founder

- Organized Canada's first annual high school hackathon, with over 150 participants
- Created the website and coordinated sponsorships and logistics

TerribleHack | Organizer

- A tri-annual hackathon at the University of Waterloo focused on comedy and useless hacks