paul **zhang**

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SKILLS

Languages • Python, Ruby, C/C++, JavaScript, HTML/CSS
Frameworks • Ember JS, Ruby on Rails, JQuery
Tools • Linux, Git, Heroku, AWS, SQLite, PostgreSQL, Rspec

EXPERIENCE

Software Engineering Intern • Sweet Tooth Loyalty • May – Sep 2016
- Developed an Ember app to simulate Sweet Tooth on any website by injecting Sweet Tooth's script over an iframe resulting in over 80% conversion rate
- Optimized admin workflow by implementing a custom create operation in Rails for account, channel and users
- Reduced page load time by 27% by substituting Ember querying with database querying
- Developed advanced coupon customizations via Shopify Discount and Collections API by implementing Rails endpoints with Ember DS.Model
- Increased enterprise upgrades by integrating a slack bot on the initial sync process by parsing Shopify and BigCommerce webhooks
- Refactored legacy code to conform to ES6 and Ember 2.7 standards

PROJECTS

College Cookbook
- Created a user-authenticated web app using Rails that allows students to share recipes
- Integrated AWS S3 with Heroku to store user uploaded images
- Implemented full-text search across multiple fields using Solr and Lucene library
- Utilized eager loading to decrease page load time

Deploy Mutex Slackbot • Sweet Tooth Hackathon
- Developed a Slackbot via Slack websockets to manage deployment for developers
- Tracks which user and repository is being used and auto-expires after a given or default time with an option to extend the deploy time
- Drastically reduced time and confusion among developers during the deploy process

Personal Blog • paulzhang.me
- Built a personal blog/website using Rails and deployed it on Heroku
- Implemented Admin console and Disqus for comments

C60 • Hack the North 2015
- Built a Pebble Watch app for real-time networking, by simulating near-field communication

EDUCATION

University of Waterloo
Bachelor of Software Engineering • 2015-2020

INTERESTS

Chess, Basketball, Tennis, Working Out, Food, Short Films, Hackathons, Math Contests