

PETER SOCHA

4th-year Software Engineering

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TECHNICAL SKILLS:

Languages: C/C++, JavaScript, Java, Go, Ruby, HTML, CSS, SQL, Objective-C, PHP, Python, Bash

Platforms: iOS, Android, node.js, jQuery, Rails, PostgreSQL, MySQL, Bootstrap, JSP, Selenium

Tools: Git, AWS, Heroku, Docker, LaTeX, SVN, Perforce

WORK EXPERIENCE:

Backend Developer, Remind San Francisco, CA, Jan 2016 – Apr 2016

- Contributed to the API and microservices of Remind's education-tailored messaging platform, written in Ruby, Go, and node.js
- Expanded libraries for metric collection, request handling, and automated job management while refactoring code for event notifications, file management, and rate limiting

Software Engineering Intern, Google Kitchener, ON, May 2015 – Aug 2015

- As a member of the Display Ads team, wrote upgrades for the C++ and JavaScript tools used by the team to visualize the performance of ad servers during individual requests
- Wrote filtering algorithms and ease-of-use improvements into existing graph visualizations and added a new timeline execution view

Software Developer, TableDabble Toronto, ON, Sep 2014 – Dec 2014

- Contributed to the JSP web app, iPad app, and Android app for QuickTapSurvey, a SaaS for creating surveys on the web and administering them using tablets
- Added features, fixed bugs, wrote automated jobs, and wrote unit tests for all three apps

Agile Engineer, Pivotal Labs Toronto, ON, Jan 2014 – Apr 2014

- Developed an early-stage iOS app in Objective-C for making mobile payments
- Added more views, increased API integration, restructured existing code, made usability improvements, and fixed bugs within the app

Junior PHP Developer, Pause Productions Oakville, ON, Apr 2013 – Aug 2013

- As a full-stack developer, used PHP, SQL, JavaScript, HTML, and CSS to add and improve web pages in Uplifter, a system for coaches and administrators of athletics clubs
- Wrote both the frontend and the backend for several new business features in Uplifter

EXTRACURRICULAR EXPERIENCE:

Solar Car Programmer, Midnight Sun Solar Race Car Team 2012 – 2015

- Developed, refactored, and debugged low-level C code that manages the solar car's battery

Undergraduate Research Assistant, University of Waterloo Sep 2013 – Dec 2013

- Wrote Python and shell scripts to run automated software performance benchmark tests

PUBLISHED PROJECTS:

- **[Go Game Clock](#)**: an Android app for enforcing time controls in the board game of Go
- **[Homework Tracker](#)**: a Chrome extension for managing a list of assignments and due dates