PETER SOCHA

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3A Software Engineering
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SUMMARY OF QUALIFICATIONS:

- Three work terms of experience developing web and mobile applications
- Experienced in mobile app development for both iOS and Android, as well as web app development using JSP and PHP
- Strong student – made the Dean's Honour List in all four university terms
- Active in extracurricular engineering activities as a sub-team manager for the university's solar car team and as an undergraduate research assistant

TECHNICAL SKILLS:

Languages: Java, C/C++, Objective-C, SQL, JavaScript, PHP, HTML, CSS, Python, C#
Technologies and Platforms: iOS, Android, jQuery, MySQL, JUnit, Selenium, Linux
Methodologies: Agile, Scrum, Test-driven Development, Pair Programming
Source Control: Git, SVN

PAST WORK TERMS:

Software Developer, Tabbledabble Inc. Toronto, ON, Aug 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, wrote unit tests, and added white-labeling for all three apps

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

- Developed an e-commerce app for the iOS operating system and an associated test suite in the Objective-C programming language
- Added more views, increased API integration, restructured existing code, and fixed bugs within the app

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

- As part of a team of six developers, used PHP, SQL, HTML, and JavaScript to add and improve web pages in Uplifter, a system for coaches and administrators of athletics clubs
- Added and overhauled features such as gift certificates, policies, site settings, tax receipts, user permissions, refunds, participant evaluations, participant achievements, and news feeds

EXTRACURRICULAR EXPERIENCE:

Solar Car Programmer, Midnight Sun Solar Race Car Team Oct 2012 – Present

- Developed a program in C# to track and simulate real-time variables such as the voltages and currents inside a solar car
- Wrote and restructured low-level C code that manages the car's battery

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

- Worked for six hours per week on a research project under the supervision of a professor
- Applied benchmarking to determine the effects of different versions of standard libraries and utilities (GCC, C Standard Library, LibM etc) on software performance in Linux