Harold Treen

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Work Experience

Software Engineer Intern	**Mobify**	**May 2015 – Dec 2015**

- Improved perceived performance of client sites by up to 30% through the release of site preloaders.
- Built an open source CLI for managing product documentation, allowing for improved collaboration.
- Actively engaged in improving engineering culture by making contributions to the "Mobify Developer Values" and presenting on best practices at engineering meetings.

Software Engineer Intern	**Pivotal Labs**	**Sep 2013 – Aug 2014**

- Co-wrote the backend for a distributed student management system (using Ruby on Rails and Postgres).
- Completely refactored the frontend game viewer for a 1,000,000+ user website, resulting in 35% less code and the ability to embed multiple viewers (using AngularJS, jQuery, HTML5 and CSS).
- Strong focus on test-driven development using Jasmine and RSpec, resulting in 99%+ code coverage (1600+ tests running in under 2 minutes).
- Exceptional scores on all intern evaluations.

SDET Intern	**Microsoft Corporation**	**May 2013 – Jul 2013**

- SDET for the "Headers & Footers" feature of the Word Web Apps.
- Wrote test automation in C# to verify consistency of header & footer content between the desktop and web versions of Word.
- Reduced time for document formatting tests by 50% by automating comparisons of multiple documents.

Agile Test Engineer Intern	**Xtreme Labs**	**May 2012 – Aug 2012**

- Implemented the first set of internal tools in Bash and Java for Android test automation (using the Robotium test framework).
- Reduced build install/test times 30% by developing Bash scripts for parallelizing install/test tasks.
- Automation work featured on the company blog.

Education

Kingston, ON	**Queen's University**	**Sep 2010 – April 2015**

- BASc in Computer Engineering with Professional Internship. Cumulative GPA: 3.56

Additional Experience

Creator	**EpubPress**	**April 2016 – Present**

- Service for creating custom e-books from a collection of webpages.
- Chrome extension with over 1200 weekly active users and 4.5 average rating.

Workshop Mentor	**Ladies Learning Code**	**Oct 2013 – Nov 2015**

- Canada wide organization that works to increase the number of women involved in technology.
- Mentored workshops covering a variety of topics including: Processing, Ruby, Wordpress, Javascript, Responsive Web Design, CSS and HTML.