

Harold Treen

576 Bathurst St. • Toronto, ON M5S 2P9

Phone: 236-998-7376 • E-Mail: haroldtreen@gmail.com

Github: haroldtreen • Website: <http://haroldtreen.com>

Work Experience



Software Engineer Intern

Mobify

May 2015 – Present

- Working with the AdaptiveJS web framework as a member of the Product Team.



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 early learning 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 first set of internal tools in Bash and Java for Android test automation using the Robotium test framework.
- Improved build/install/test times by 30% by developing Bash scripts for parallelizing install/test tasks for up to 20 devices.
- Automation work highlighted 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



Workshop Mentor

Ladies Learning Code

Oct 2013 – Present

- 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.



Electrical Systems Manager

Queen's Baja SAE

Sept 2013 – May 2014

- Developed a data acquisition system for tracking speed and GPS data using an Arduino and C / C++.
- Created a custom dashboard to display live car metrics to the driver during races.