

Harold Treen

576 Bathurst St. • Toronto, ON M5S 2P9
Phone: 236-998-7376 • Email: haroldtreen@gmail.com
Github: haroldtreen • Website: http://haroldtreen.com

Work Experience



Sabbatical

Remote / The Recurse Center

Jan 2016 – Dec 2016

- Built EpubPress, a web service + browser extension for creating ebooks (2000+ weekly users, 5/5 rating).
- Frontend & backend web development for a Vancouver based startup (using React, Redux and Rails).
- CLI for generating swagger files from inline API definitions for a Y Combinator backed startup.
- Participated in a 12-week coding retreat at the Recurse Center, working on self-directed projects.
 - Updated the EpubPress API to be asynchronous and support progress monitoring.
 - Completed 2 Haskell courses.
 - Led workshops on test driven development and non-violent communication.



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.

Education



Kingston, ON

Queen's University

Sep 2010 – Apr 2015

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

Additional Experience



Creator

EpubPress

Apr 2016 – Present

- Web service for creating custom e-books from a collection of webpages. (<https://epub.press>)
- Chrome and Firefox extension with over 2000+ weekly active users and 5/5 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.