

Harold Treen

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Work Experience



Coding Sabbatical

Freelance / Recurse Center

Jan 2016 – Present

- Built EpubPress, a web service + browser extension for creating ebooks (1600+ users, 4.6/5 rating).
- Worked remotely for two startups (one backed by Y Combinator).
- Attended a 12-week coding retreat at the Recurse Center (improved EpubPress, contributed to open source, learned Haskell, pair programmed).



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 – 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 1600 weekly active users and 4.6/5 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.