

Daniel Tsang

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danieltsang.github.io/personalwebsite

Skills

Languages: JavaScript, CSS, LESS, HTML, PHP, Java, MySQL

Frameworks: React, Jasmine, Flummox

Library: jQuery, Underscore.js

Version Control System: Git

Experience

Hootsuite Media Inc., Co-op Software Developer | Jan 2016 – Aug 2016

- Worked closely with product manager, design leads, and backend team to ship brand new bulk message composer to production
- Utilized Flux for bulk message composer to edit, send, and create several hundred social network messages at once
- Conducted rigorous unit testing using Jasmine and added 20 tests weekly
- Contributed to company's blog with a thought leadership post: code.hootsuite.com/resizing-react-components
- Technologies Used: React, JavaScript, HTML/CSS/LESS, jQuery, Underscore.js, Jasmine, Flummox, PHP

Indochino Apparel Inc., Co-op Full-Stack Engineer | Jan 2015 – Aug 2015

- Developed and maintained the company's website, retail application, and third-party integrations
- Spearheaded a team of co-ops to produce a revamped homepage and collection page design, along with a new CMS for marketing team to control assets and CTAs
- Created photo taking feature for retail iPod application - estimated to reduce returns, remakes, alteration annual costs by \$20,000
- Increased page performance on high traffic pages by an average of 157% by minimizing MySQL queries in PHP controller actions
- Technologies Used: JavaScript, jQuery, HTML/CSS/LESS, PHP, MySQL, JavaScript-Load-Image

Projects

Now Playing (Personal) | Jan 2017 – Present | <https://danieltsang.github.io/ShowcaseMovieApp>

- Created a mobile-first movie listing application consuming TheMovieDB API
- Designed an optimized mobile experience with React and Flexbox CSS layout
- Technologies Used: JavaScript, React, HTML/CSS, Underscore.js, Axios

Bulk Composer (Hootsuite Media Inc.) | Jul 2016 – Aug 2016

- Recreated a one-click CSV upload into a new multistage user interface
- Implemented a responsive message list UI with React and Flexbox CSS layout for displaying hundreds of messages
- Technologies Used: JavaScript, React, Flummox, HTML/CSS, PHP, Underscore.js

Homepage/Collection Page Redesign (Indochino Apparel Inc.) | Jul 2015 – Aug 2015

- Displayed high volume of product data on a collection page in an efficient manner by removing unnecessary database queries and filtering unused values in PHP controller actions
- Created deployment and rollback plan using SQL and bash scripts to transfer assets and modify database tables
- Technologies Used: JavaScript, HTML/CSS, PHP, MySQL

Fit Customer Pictures (Indochino Apparel Inc.) | May 2015 – Jun 2015

- Implemented photo taking feature for iPod application utilized in all North American retail stores
- Used JavaScript library, JavaScript-Load-Image, to avoid expensive server-side image resizing and handle image EXIF metadata
- Added CMS to website's administration for control of picture-taking instructions
- Technologies Used: JavaScript, HTML/CSS, PHP, JavaScript-Load-Image, MySQL

Education

University of British Columbia | Sept 2012 – Present | Graduation May 2017

- Bachelor of Science – Major in Computer Science

Achievements

1st Dan Black Belt Taekwondo | Winter 2000 - Winter 2011

Canadian Rugby Tournament | Summer 2009

Australia & New Zealand Rugby Tour | Spring 2012

Violin | Winter 2000 – Winter 2013