Daniel Tsang

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danieltsang.github.io/personalwebsite

Skills

Languages: JavaScript, Java, PHP, HTML, LESS, CSS, MySQL
Frameworks: React, Jasmine
Library: jQuery, Flummox
Version Control System: Git

Experience

Hootsuite Media Inc., <u>Co-op Software Developer</u> | Jan 2016 – Aug 2016
- Worked closely with product manager, design leads, and backend team to ship brand new Bulk Message Composer feature to production
- Created frontend store for Bulk Message Composer to edit, send, and create several hundred messages at once
- Followed design specifications closely to create a seamless and efficient multistage UI component for message approvals
- 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

Indochino Apparel Inc., <u>Co-op Full-Stack Engineer</u> | Jan 2015 – Aug 2015
- Developed and maintained the company's website, retail application, and third-party integrations
- Spearheaded a team of interns to produce a revamped homepage and collection page design, along with a new CMS for e-commerce 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 collection page load performance by 50%, shopping bag checkout performance by 20%, and admin product page load performance by 400%

Projects

Now Playing (Personal) | Jan 2017 – Present
- Created a mobile-first movie showcase web application consuming TheMovieDB API
- Designed an optimized mobile experience with React and Flexbox layout
- Display sorting options for popularity, ratings, release date, etc., and pagination for optimized user experience

Bulk Composer (Hootsuite) | Jul 2016 – Aug 2016
- Recreated a one-click CSV upload into a new multistage user interface by using React and its various lifecycle methods
- Implemented a responsive message list UI with React for displaying hundreds of messages
- Handled global state of messages with Flummox and callbacks for updates, creates, deletes, and reordering in the store

Homepage/Collection Page Redesign (Indochino) | 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
- Handled cache to flush only affected sections of the website without disrupting user sessions

Fit Customer Pictures (Indochino) | May 2015 – Jun 2015
- Implemented photo taking feature for iPod application utilized in all North American retail stores
- Used jQuery library, Javascript-Load-Image, to avoid expensive server-side resizing and handle image EXIF metadata
- Added CMS to website's administration for control of picture-taking instructions

Education

University of British Columbia | Sept 2012 – Present | Graduation Apr 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