Jeffrey Kwan

full stack software engineer

about

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programming languages

JavaScript
(ES5, node.js)
Java, CSS
C, SQL

frameworks

AngularJS,
Backbone.js
React, Flux,
Node.js, Spring
Android

libraries

Bootstrap, D3, jQuery
Karma, Mocha,
Jasmine
Grunt, Gulp, Yeoman

tools

Git, IntelliJ
Sublime Text
Vim

summary

Three years of experience in full stack web development with a focus in front-end technologies. Helping my current company migrate to AngularJS. Experience in writing application framework, resuable web components, configuring tooling, build automation, unit and end to end test suite.

experience

2012 - Now **MyVest** Software Engineer

– Lead member in building the foundation of MyVest's new user interface with AngularJS. Included integrating with legacy Flex and JSP applications.
– Designed and built JavaScript quality automation suite. Suite includes documentation generation linting, code coverage and unit-test runner using Grunt, Karma and Jasmine.
– Customized the AngularJS Yeoman generator to fit company standards and structure.
– Built various reusable AngularJS components, including data visualization using D3 and search suggestion using Elastic Search.
– Designed and developed front-end applications using Backbone.js and Adobe Flex.
– Technical Lead and Project Manager on multiple projects. Responsibilities included gathering requirements, delegating tasks to other engineers and creating project and test plans.
– Mentored and trained other employees on JavaScript, AngularJS, Jasmine and Unit Testing.
– 2013 Engineer of the Year award winner

2011 **Agilent Technologies** Hardware Engineer Intern

– Developed new features and test automation for a hardware verification system.
– Debugged intermittent bugs and compatibility issues in various test systems.
– Developed a Xilinx serial bit transfer program for Windows-based systems to transfer FPGA files.

2010 **Cisco Systems** Co-op Software Engineer

– Assisted in the development of an application for the Cisco IOS operating system.
– Created multiple patches and bug fixes throughout the Cisco IOS operating system.
– Participated in software and test design specifications.

education

2012 **Bachelor of Science** in Computer Engineering
California Polytechnic State University, San Luis Obispo

applications

2012   **Who did I forget ?**   whodidiforget.com
Guest list recommendation for Facebook events based on friends already attending the event.

2011   **Fellows**   fellows-exp.com
Automatic community detection among Facebook Friends in order to validate the *cohesion* measure, creation of friend lists.

2008   **Happy Flu**   happyflu.com
Experiment aimed to measure viral spreading of content across the blogosphere.

publications