Dan Tsui

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SKILLS

Languages

- JavaScript
- Ruby
- Python
- Java
- Bash Script

Front end frameworks

- jQuery
- Underscore
- Backbone
- Marionette
- Handlebars
- Requirejs
- Foundation
- Q

Back end frameworks

- Node.js
- Ruby on Rails
- Grunt
- Karma-runner
- Jasmine
- Bower
- Selenium
- MongoDB
- MySQL

DevOps

- AWS CLi
- Boto
- Chef
- Berkshelf
- Test-Kitchen
- Packer
- Jenkins
- Nagios
- LogStash

EXPERIENCE

Full-Stack/DevOps Engineer, Flite Inc.
San Francisco, CA — June 2013 - Present

- Received the Flite Elevate Award as recognition for exceptional contribution to the firm
- Architect highly scalable Node.js application in AWS significantly increasing efficiency by autoscaling and handling thousands of request per second
- Automated manual regression testing with Selenium, Node.js, and Sauce Labs to replace manual processes with an automated regression testing platform
- Selected to join DevOps team after company restructuring to rebuild application infrastructure code with Chef, Boto, and Fabric to further CI and CD initiatives
- Developed Pebble app for DevOps team that enables health check status updates of all servers during critical alerts when a computer is not accessible
- Developed a series of Chrome plug-ins to allow ad-ops and engineering team to quickly test ad features in numerous browser conditions
- Lead DevOps scrum during release day when in charge of releasing code to production

BIM Consultant/Developer, Modulus Consulting LLC
San Francisco, CA — May 2011 - July 2012

- Led and developed mobile BIM solutions for on-site use utilizing iPads and Unity 3D
- Developed custom automation macros and plug-ins for clients using Revit API and C#
- Developed a 360 degree panoramic viewer application with Html5, CSS3, and JavaScript which served as a critical tool for the design and planning phase for the client

Architectural Career
San Francisco, CA — May 2006 - April 2011

- Introduced and Implemented new 3D documentation technologies by setting office-wide standards and seminars
- Led coordination meetings between contractors and engineers using 3D models to resolve construction conflicts resulting in cost and time savings during construction
- Led the technical documentation and rendering process allowing the firm to compete and win 5 of 7 architectural competitions in 6 months

EDUCATION

App Academy
Ruby on Rails Coding School — May 2013

University of California, Berkeley
Bachelor of Arts, Architecture — May 2006

EXTRACURRICULAR

Creator/Developer, BART on Time - featured as weekly top pick in Pebble app store

- Created and developed a Pebble app that uses GPS to automatically locate the closest BART station and display the current schedule on the screen

Teacher/TA, RailsBridge (non-profit organization that teach women to code)

- Inspire and support students interested in pursuing a career in engineering
- Teach beginning Ruby and Ruby on Rails courses

Web Content Manager, SF Tri Club (non-profit organization and multisport club)

- Help drive the overall website style and design
- Manage content collection from club leadership