

Michael Tang User Experience/Web Developer

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Knowledge Base

Languages Javascript (NodeJS/AngularJS/jQuery/etc), HTML5/CSS3, Java (Spring), C++
Specialties Front/Back-end Web Development, User Experience Design/Implementation
Concepts Agile Development, Design Patterns (Pragmatic Design)
Software Eclipse, Git, SVN, Tomcat/Jetty, Maven, Unix, Jira/Confluence, Jenkins, Rundeck

Work Experience

Software Development Intern

Ticketmaster

September 2012 to April 2014

- **Monitoring/Metrics Application**

- Created and owned an end-all-be-all monitoring/resolution application
- Used internally by many teams across all offices to diagnose and resolve issues dealing with real customer orders, as well as expedite new software development

Technologies: Spring (MVC, Security), Javascript (AngularJS/jQuery/Dojo), Websockets, MongoDB/Oracle/Apache Solr, Jenkins, Rundeck, Tomcat

- **Configuration Visualization Tool**

- Created a service that crawled all of Ticketmaster's internal services and created a directed graph representing calls from one service to another and visualized the information in a force-directed graph
- Used by the development, SDET, and QA teams to quickly resolve configuration issues

Technologies: Java, Javascript (jQuery), HTML5 (Canvas/SVG)

- **Stub Server**

- Created and stood a simple server to stub out Ticketmaster's internal APIs
- Used by the development and QA teams to help in writing tests

Technologies: Java, Jetty

Volunteer Mentor

StudentRND, <http://studentrnd.org/>

July 2012 to January 2013

- Taught seminars and provided tutoring and help for middle and high school students interested in web development

Technologies: Javascript, HTML/CSS, Java

Volunteer Webmaster

Seattle Chinese Biomedical Association, <http://www.scbahome.org/>

January 2007 to January 2011

- Maintained website and posted updates about the organization read by hundreds of people

Technologies: HTML, CSS, PHP

Education

University of Washington *Computer Science Major* (September 2011 – June 2015)

Select courses: CSE312 Computing Foundations II, CSE331 SW Design & Impl (Java), CSE332 Data structures (Java), CSE333 Systems Programming (C/C++), CSE351 HW/SW Interface (C), CSE440 Human/Computer Interaction

Roosevelt High School (September 2007 – June 2011)