Jonathan Chang

FRONT-END ENGINEER

408-242-1327   prancingwithponies@live.com   Los Angeles, CA   www.hellojonathanchang.com

Work

SOFTWARE ENGINEER, PARASOFT; MONROVIA, CA – 2012-PRESENT

- An advocate of reducing complexity in order to improve workflow and user experience.

- Primary developer in migrating the dashboard and reports to use AngularJS with specific focus on improving usability, performance and extensibility.

- Coordinating with UX and design to implement a set of visualizations that prioritize readability and reusability.

- Writing design documents to capture user stories, personas and workflows in order to articulate the user's needs and goals to VPs, developers and designers.

- Creating unit tests and making sure we have good test coverage.

Projects

DASHBOARD AND REPORT CENTER (JAVA, SPRING MVC, ANGULAR JS)

Architected and designed a dashboard and report framework that allowed the visualization of data from our functional test, unit test and static analysis products.

DISNEYLAND WAIT TIME ARBITRAGE (MONGO DB, EXPRESS, ANGULAR JS, NODE.JS)

Scrapped data from the Disneyland Parks API to store and visualize wait times for rides. Application would recommend rides that would in order to maximize the number of fast passes a visitor could get in a day.

MANTICORE (MONGO DB, EXPRESS, ANGULAR JS, NODE.JS)

A MEAN stack application that integrated with Google Docs APIs to track word count and award badges for milestones and completion as a way to support friends participating in National Novel Writing Month (NaNoWriMo).

Education

University of California, Irvine – Informatics, Human Computer Interaction, 2012

Technologies

AngularJS, bower, CSS, D3.js, Handlebars, HTML, grunt, LESS, jade, jasmine, Java, Jenkins, mongoDB, MySQL, Node.js