

KJ (KAIJIE) HUANG

Summary

With strong experience of front-end development in ReactJS and AngularJS, I am passionate in creating ultimate web user experience as well as data visualization. I am seeking full time position as Front-End UI developer.

Experience

Visualization Scientist at ProsumerGrid Present

- In charge of develop web based visualization platform for Distribution System Operator(DSO) Simulation Studio. including data model explorer, analytics, and 3D interactive visualization.
- Modify the Flask based application to Django + MySQL framework, help to design the data schema.
- Develop Front end visualization with ReactJS and D3.

Technical Intern at Cvent.Inc 2015.1 - 2015.6

- Working as a UI Developer. Used ReactJS with Webpack framework to develop the web interface for the core products of the company (Cvent Supplier Network).
- Assisting in developing responsive mobile web app using ReactJS.

Graduate Research Assistant at Multimedia & Sensor Lab 2015-2016 (Advisor: Ghassan AlRegib)

- Worked at Ford® Remote Repositioning project (Driverless Car). Lead developer of the front end of the WebRTC application using AngularJS, OpenTok.js and jQuery.
- Image processing application, in charge of writing the FFT2D algorithm in javascript.

Projects

Trip Planning Web App - OneBusAway (HCI Research Project) 2016

- Used URL Hash with AJAX to build the single page web app by ReactJS.
- Conducted User Testing to further optimize the user experience for specific scenarios.

Insider's Visual Guide to Uber (Information Visualization Project) 2015

- Teamed with designer and developer to develop a visualization web app for Uber Surging Pricing Policy using D3.js and Uber API.
- Used UI data binding to achieve linking and brushing, so that the user can see the overview and detail of the InfoVis.
- *The project is recognized by Uber Data Visualization team.*

Georgia Restaurant Health Inspection System Database 2015

- Full Stack Developer. Used AngularJS to build front end and PHP & MySQL to build back end.
- Used CSS3 animation to enhance front end user experience.

Medicine Reminder UX Design Project 2015

- Used Balsamiq to develop the low-fidelity prototype of the IOS app and used Keynote animation to develop interactive prototype.
- Used Axure to develop interactive prototype for the touch screen device.

"Kung Pao Curry" Digital Menu-Mobile Application 2015

- Came up with 2 alternative designs based on the user study. The designs were later integrated into the group's final product.
- Conducted UX research through heuristic evaluation and benchmark tasks analysis.
- *The project was honorable mentioned in the Convergence Innovation Competition Fall 2014.*

Get Into Touch

- ▶ Online Portlio: kjhuang.com
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- ▶ Greater Atlanta Area

Skills

Programming:

AngularJS
ReactJS
Django
Webpack
Gulp
NodeJS
ES6
Bootstrap
CSS3
LESS
jQuery
D3.js
Java
Android
PHP
MySQL

Design:

Axure
Balsamiq
Keynote Prototype
Adobe Photoshop
Adobe Illustrator

Education

MS in Human-Computer Interaction (HCI) 2014-2016

Georgia Institute of Technology
(GPA 3.86/4.0)

BE in Civil Engineering 2011-2013

The University of Hong Kong
(GPA 3.81/4.3)