

Xin Wei

EDUCATION

UCLA

University of California, Los Angeles

BS Computer Science and Engineering | GPA 3.5

• Awards: Dean's Honor Roll 2012, UCLA Chancellor's Service Award 2013

Sept 2009 - June 2013

Los Angeles, CA

TECHNICAL SKILLS

Languages

- Javascript (& ES6) EXPERT
- HTML5/CSS3 EXPERT
- C/C++ INTERMEDIATE
- PHP INTERMEDIATE
- Clojure BASIC

Frameworks

- React EXPERT
- Node.js/Express EXPERT
- Backbone.js EXPERT
- Facebook Flux and Reflux.js EXPERT
- AngularJs INTERMEDIATE

Build/Development Tools

- Webpack EXPERT
- Grunt INTERMEDIATE
- Karma INTERMEDIATE
- Jasmine INTERMEDIATE
- Babel INTERMEDIATE

EXPERIENCES

trap!t

Trapit Inc.

Frontend Software Engineer

July 2013 - Present

San Francisco, CA

• Javascript Engineer. Utilizing ExpressJs, Webpack Module Bundler, Facebook React and Flux Architecture to create a framework for all of TrapIt's services and products. Workflow also includes using ECMAScript Harmony, Jasmine, Karma, Jest (Javascript Unit Testing), and Grunt/Gulp.

TERADATA.

Teradata Corporation

Software Engineer Intern

June 2012 - Aug 2012

El Segundo, CA

- Utilizing Backbone.js and HTML5/CSS3 to design and develop an Engineering Dashboard for Project Managers that displays real-time data and live statistics on various projects throughout Teradata.
- Developed interactive and friendly UI charts that can be clicked upon in order to be drilled down into more details, bringing up a new view of statistics and charts (that can be clicked on again). Everything is cached (utilizing Backbone.js persistence and HTML5's WebSQL Database, and IndexedDB for older browsers) to be available offline for presentations.
- Developed modules that are easily customized to display which data/statistics on your dashboard. Features algorithms that takes the current dataset, do a linear regression to project future values. These values are utilized in a heatmap that will turn specific modules green/yellow/red depending on customized values set by the client users.
- Integration with Atlassian JIRA and Confluence Issue Tracking to remotely create issues from the dashboard, as well as numerous other interactions.



UCLA Health System
Web Developer/Programmer

Nov 2011 - Nov 2013
Los Angeles, CA

- Using LAMP to design, modify, and maintain an actively web-based clinical research tool. Using Developer version of Filemaker to convert hard coded material to a more user-friendly design so that the software can be more easily adapted to other research studies.
- Developed export functionality that would allow the research coordinators to designate and export participant-specific information from online for genetic analysis.
- Dynamic website that allows authorized researchers to construct and reconcile pedigrees. Also ability to generate friendly UI charts from MySQL.



Circle K International
District Technology Chair

Mar 2011 - Mar 2012
Rancho Cucamonga, CA

- Revamped and maintained district website (including designing graphics, web layouts, templates, and creating extensions for the Joomla Content Management System) using PHP, Javascript & jQuery (Ajax), MySQL.
- Using Adobe InDesign, Photoshop, Premiere Pro, and Microsoft PowerPoint to create interactive PowerPoint slideshows and websites. Developing and writing programs using Java, C++, C, and Ajax to make the organization more efficient (Events Management System, Members Management System, etc).
- Overlooked and assisted over 500 clubs spanning three states, helping solving technical issues, assisting in website and graphics development, and etc.
- Utilizing Facebook API and Programming to integrate and connect Facebook with external websites. Furthermore, developing Facebook Applications using Facebook Markup Language (FBML).



UCLA Institute of Geophysics and Planetary Physics
Student Software Programmer

Dec 2010 - Dec 2011
Los Angeles, CA

- Worked directly with Dr. Vassilis Angelopoulos, the principal investigator of NASA's THEMIS mission.
- Worked on various NASA projects and missions, including ARTEMIS and THEMIS. Assignments included programming and creating codes to interact with satellites, retrieving telemetry and data conversion, developed GUI panels and applications using both QT Framework and IDL language.
- Collaboration with researchers at CalTech and JPL and assisted in development of satellite engineering instruments and testing of such instruments. Programmed codes using C and C++, with
- GUI applications created by QT Framework to interact and display data from these instruments.