

Jesse Wang

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Education

University of California San Diego

La Jolla, CA

B.S. IN COMPUTER SCIENCE

Aug 2012 - March 2016

- Relevant Coursework: Artificial Intelligence, Human-Computer Interaction Design, Advanced Data Structures, Advanced Software Engineering, Server-side Web Applications, Ubiquitous Computing

Experience

Achieve Internet

San Diego, CA

SOFTWARE ENGINEER INTERN

June 2016 - September 2016

- Designed and developed company website in Drupal 8.
- Handled QA testing and caching error of single page web application utilizing AngularJS.

Zulu Inc.

Sunnyvale, CA

SOFTWARE ENGINEER INTERN

June 2015 - Oct. 2015

- Led implementation of CityKart grocery shopping web application utilizing AngularJS and NodeJS.
- Led UI design of both CityKart web and android application.

Litech Industries

San Jose, CA

SOFTWARE DEVELOPER INTERN

Sept. 2012 - January 2013

- Developed simple python script to allow easier price-matching of multi-wavelength meter machines on Ebay.
- Accelerated profits upwards of 200%.

Projects

Sexducate Yourself

LEAD DEVELOPER

- Led UI design and implementation of website regarding sexual education for teenagers specifically in the San Diego area and United States with health database in PostgreSQL.
- Provided clear, interactive data representation through graphs and maps with D3.js, leaflet, and Mapbox APIs.
- Followed UI design heuristics to better conduct user testing, A/B testing, wire-framing, paper prototyping, low-fidelity and high-fidelity mock-ups.

Google Glass Self-Tutor

DEVELOPER

- Utilized Google Glass platform to create virtual reality system for accelerated language learning through Optical Character Recognition.
- Implemented with Google Vision API along with image processing library openCV, and Android Studio.

Litech

DEVELOPER

- Developed single page application for merchant selling optical analyzer equipment for enhanced product exposure.
- Implemented with EmberJS and NodeJS frameworks, express middleware, and MongoDB database.

Restaurun

LEAD DEVELOPER

- Team lead for Android application simplifying restaurant searching process.
- Implemented basic functionality and various APIs, such as Yelp, Google, and Facebook.

Go!Outside

DEVELOPER

- Led UI design and implementation of simple web application for finding hidden locations around San Diego.

Skills

Programming:

Strong: Java, JS(NodeJS, AngularJS, EmberJS, ES6+, D3) Proficient: Python, C, C++, Verilog/VHDL, PHP

Dev Tools:

PostgreSQL, MongoDB, Android Studio, Git, Vagrant, Heroku, VIM, Eclipse, PHPStorm

Other:

Latex, Balsamiq, Photoshop, Microsoft Word/Excel/Powerpoint, SCRUM, Agile.