

Jackson Lee

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Relevant Experience

Objective: To find a job as a Junior Full-Stack or Front-End Web Developer, with opportunities for continued professional development.

Education Highlight: Programming Experience

Web Development Immersive (WDI)

General Assembly (GA) 10/14-1/15

- 3 months of immersive back-end and front-end web experience.
- 8-13 hours/day of high quality lecture and real world simulations, using the most progressive techniques and languages available.
- Course designed for smart people who wish to transition into the world of tech.



My Stack:

JavaScript / jQuery / Backbone.js / Node.js / D3.js
Ruby / Sinatra / Rails
TTD / Rspec / Jasmine /Capybara
PostgreSQL
APIs / OAuth / AJAX
Git / Github
Bootstrap
Deployment / Heroku / Digital Ocean
HTML5 / **CSS3** / Sass
Solidworks / **Microsoft Project** / **Render**

Other Experiences

Co-op Packaging Engineer, Vicor Corporation

Jan 2012-Jul 2012

- Improved the shelf life of products 1200% through adhesion testing of packaging materials.
- Decreased occurring failures in products 80% by identifying failing supply line equipment.
- Innovated benchmark test protocol to analyze V-I Chips with higher design parameters through collaborations with other development teams.

Student Researcher, Eric Baer group, Center for Layered Polymeric Systems

May 2011-May 2014

- Developed new shape memory polymer system that possesses higher recoverable large strain capability than conventional shape memory polymers.
- Proved that gradient-index optical lenses possess better optical properties than human eyeballs to produce a high quality surgical-implantable lens.

Volunteer, Great Lakes Science Center

Jan 2010- May 2014

- Instilled an interest in chemistry and general science for children in organizations by educating and perform scientific demonstrations.

Academic Activities

Treasurer, Alpha Chi Sigma fraternity

Jan 2010- May 2014

- As fraternity Treasurer managed funds, created budget and produced financial reports.
- Increased the fraternity's previous annual budget of \$3000 by over 300%.

Lubrizol, The Lubrizol Challenge Project

Jan 2014-April 2014

- Designed a system that allows Lubrizol employees, customers and university students to find problems and look for new opportunities and innovations
- Designed program plans that allow Lubrizol to build connections with university students to develop fresh perspectives on problem solving and problem finding.
- Coordinated with Lubrizol through bi-weekly & scheduled meetings.

Languages

- English(Fluent); Spanish(Proficient); Japanese(Conversational); Cantonese(Conversational)

Formal Education

Case Western Reserve University (CWRU)

Masters 3.75/4.0

(Expected Graduation: 2016)

- MEM., Master of Engineering and Management

Bachelors 3.103/4.0

(2015)

- B.S., Chemical Engineering; Polymer Science Concentration
- B.S., Polymer Science and Engineering
- Minor, Japanese Studies