

Austin

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## Skills

### Javascript

AJAX

RESTful

**Express** 

Node.JS

MongoDB/mySQL

PHP

Java / C

IT Support

Product Development Agile — SCRUM Project Management Technical Writing

# Strengths

- \* Detail & Goal Oriented
- \* Analytical & Critical Thinker
- \* I like to hit the Ground Running

## Education

B.Sc Earth Sciences
Uni. of California - Santa Cruz
Santa Cruz, Ca
2011-2014

# **Publications**

Baker Hughes:

Fully 3D Hydraulic Fracturing Model: Optimizing Sequence Fracture Stimulations in Horizontal Wells

### Interests

MeetupsRock ClimbingSciencesFuture Tech

# Experience

### STUDENT FULL-STACK DEVELOPER

UT Austin - The Coding Bootcamp — Austin, TX

7/16 - Present

- + Utilizes emerging technologies to develop full-stack applications
- + Contributes creativity and direction while working with classmates by using Git and Github in team-oriented project environments

Projects: A Day with Your Dog, site where one can find near by dog-friendly restaurants, bars and dog parks. Front-end tech: HTML5, CSS, Materialize Back-end tech: Node.js, Yelp and Google maps API, AJAX, Firebase, PHP

Volunteer Meetup Co-organizer of UT's Coding Bootcamp: Cohorts helping cohorts

### RESERVOIR GEOMODELLER

Baker Hughes — Palo Alto, CA

6/14 - 12/15

- + Designed finite element models for accessing unconventional reservoirs
- + Identified and improved code bugs and simulation errors
- + Tested code functionality and development
- + Curated and managed macros & technical manuals for project procedures and visualization process

### STUDENT IT TECHNICIAN

College of the Canyons — Valencia, CA

🥟 9/09 - 6/14

- + Preformed campus wide computer repair and maintenance
- + Provided help desk support for staff and students
- + Managed bi-yearly computer inventory and new lab setups

#### SCIENCE RESEARCH ASSOCIATE

University Of California-Santa Cruz — Santa Cruz, CA

4/13 - 6/14

- + Managed and organized a research project (MECO)
- + Processed and analyzed ocean sediment samples
- + Extrapolated isotopic data into excel charts for further validation
- +Wrote a thesis based on my results and challenged previous data from other projects