Sachin Ahuja

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SKILLS

Ruby :	Rails, Sinatra, RSpec
JavaScript :	jQuery, Underscore.js, Backbone.js, Node.js, Angular.js
HTML5/CSS3 :	Foundation, Bootstrap, SASS/SCSS
Database:	PostgreSQL, SQLite3, ActiveRecords

WORK EXPERIENCE

MAKERSQUARE — Austin, TX
Software Engineer — 06/2014 – 08/2014

- Produced Fantasy Fiend – a Fantasy Football Draft Helper App – that allows the user to make quick and confident decisions during their fantasy draft. Used AppleScript, Rails, ActiveRecords, JavaScript (jQuery, Underscore.js, Select2, and HighCharts), and HTML5/CSS3 (Bootstrap)
- Developed an online battleship game with chat using Node.js and a Yeoman generator with Socket.io during a 2 day hack-a-thon.
- Co-developed a multiplayer, asynchronous Rock, Paper, and Scissors app with a partner during a 2 day hack-a-thon. The app uses Ruby, Sinatra, and PostgreSQL.

MAGNUM PRODUCING LP — Corpus Christi, TX
Junior Operations Engineer — 02/2014 – 06/2014

- Generated well bore sketches of producing oil and gas wells with Excel using daily drilling reports
- Developed casing design worksheets using Excel functions and VBA
- Analyzed plugged oil and gas wells in Orange County, Texas to determine if any wells were prematurely plugged
- Presented final report proposing 3 prematurely plugged wells for further review to the lead geologist
- Documented oil well productivity using GIS topographic maps and Adobe Acrobat

JACOBS ENGINEERING GROUP — Baton Rouge, LA
Process Engineering Intern — 05/2012 – 08/2012

- Created a simulation using PRO/II (HYSYS) software to meet new specifications given by the client
- Performed detailed ratings on 7 existing exchangers for new operating conditions using HTRI software to determine whether the exchangers needed to be replaced
- Completed hydraulic calculations on an existing lean-amine pump and determined that it could be sized for the new process
- Led a review, involving 4 disciplines of engineers, to ensure project consistency across all departments
- Worked on a variety of hydraulic calculations for proposed systems, followed by control valve sizing
- Completed and organized calculations for each equipment/hydraulic study for review and approval by a senior process engineer

LEADERSHIP EXPERIENCE

ALPHA IOTA OMICRON FRATERNITY, INC. — Atlanta, GA
President — 06/2012 – 06/2013

- Supervised the transition of the majority of actives from 4th years to 2nd years by creating a database which documented the planning of major and minor events
- Led an executive team of 5
- Founded Culture Shock, an annual event, to help spread South Asian awareness across campus
- Increased relations between Alpha Iota Omicron and the Multicultural Greek Council
- Executed traditional events held by Alpha Iota Omicron, including the India Run for Hope

AMERICAN CANCER SOCIETY – INDIA CANCER INITIATIVE — Atlanta, GA
Lead Volunteer Chair — 01/2012 – 11/2012

- Recruited and organized 12 teams to help volunteer on the day of the event
- Managed all 116 volunteers during the India Run for Hope

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY — Atlanta, GA

- Bachelor of Science in Chemical Engineering — 08/2009 – 12/2013

MAKERSQUARE – PROGRAMMING BOOTCAMP AND CODING SCHOOL — Austin, TX

- JavaScript, HTML5/CSS3, and Ruby/Rails — 06/2014 – 08/2014