Alex Close

Web Developer

Houston, TX

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Relevant Experience

The Iron Yard, Houston, TX - Web Development　　　　**May 2017 - September 2017**

A 16-week coding bootcamp specializing in highly focused, immersive training centered on language fluency, object-oriented programming, and project-based learning.

- **Gabble** - A twitter-like social media app that allows users to create a profile, post gabs, and "like" other users' gabs. Built using Node.js, Express.js, and PostgreSQL.
  https://ajclose-gabble.herokuapp.com/login
- **WODTracker** - An app that allows users to simply track Crossfit style workouts. Includes a barbell weight calculator to do the heavy lifting so your brain doesn't have to. Built using Ruby on Rails and custom JavaScript.
  https://ajclose-wodtracker.herokuapp.com/login

Harvey API - Open-Source Contribution　　　　**September 2017**

An API created by developers in Houston to help those affected by Hurricane Harvey. This project was then used to create the Irma API to help those affected by Hurricane Irma. Built using Ruby on Rails.

- Created home page and corresponding model to allow page information to be edited based on the needs of the project
  https://api.harveyneeds.org/

Parker Hannifin Corporation

A global design and manufacturing company specializing in motion and control technologies.

Senior Quality Engineer - Parflex Division　　　　**July 2014 - May 2017**

- Reduced turnaround time of customer claim analysis and disposition from 41 days to 6 days by creating a dedicated work cell, standardizing the process, and analyzing repeating issues
- Improved supplier quality metrics and reduced the number of parts requiring receiving inspection through engagement meetings, corrective actions, and audits with key suppliers
- Oversaw manufacturing and testing of various Oil & Gas projects to ensure all internal and external project requirements were met and documented

Quality Engineer Trainee - Fluid Connectors Group　　　　**June 2012 - June 2014**

- A corporate leadership development program consisting of four six-month rotations at manufacturing plants in Nebraska and Ohio, with a focus on problem solving, supplier management, new product development, and lead time reduction

Skills

Web Development: HTML, CSS, JavaScript, Responsive Design, JSON API, Node.js, Express.js, SQL, noSQL, Ruby, Ruby on Rails, RESTful API Development, MongoDB, PostgreSQL, Test Driven Development, Git, Bash, Shell Scripts, React.js, Redux.js

Other: Root Cause Analysis, 10-step Problem Solving, Lean Manufacturing, Six Sigma

Education

Miami University, Oxford, OH - B.S. Mechanical Engineering　　　　**August 2008 - May 2012**