

# 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>
- **SoundCloud Search** - An app that allows users to search and play music using the SoundCloud API. Built using HTML, CSS, and JavaScript.  
<https://ajclose.github.io/soundcloud/>

#### 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.*

- 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

##### 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 and standardizing the process
- 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 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

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

### Education

Miami University, Oxford, OH - B.S. Mechanical Engineering

August 2008 - May 2012