

Robert Jimenez

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Summary

A motivated engineer and habitual learner that is coding bootcamp trained with 10+ years of experience in manufacturing, 1 year in web development, Seeking to improve B/E dexterity, maintain F/E skills, and contribute in a positive way while always learning.

Education

- *Full-Stack Web Development Bootcamp*, Rice University - 2022
- *B.S. Mechanical Engineering*, The University of Texas at Austin - 2011
- Courses:
 1. *Responsive Web Design*
FreeCodeCamp - 2021
 2. *Python Fundamentals*
Coursera - 2021

Skills

- Languages: JavaScript with Node & Express, SQL with MySQL and Sequelize, NoSQL with MongoDB & Mongoose
- Libraries/Frameworks: React, Bootstrap, Bulma, jQuery, Jest
- Processes: Git, Agile dev, test-driven dev, Safety Risk Assessment, Rubber Molding
- Human Languages: Inter. Spanish, Beg. Arabic, Native English

Interests

- Language learning
- Dogs
- Gaming

Project Experience

- Habitual - A full-stack web application where users sign-up and keep track of weekly habits. Implemented the backend using Node and Express, Sequelize, and Handlebars. Continuously improving this application with my team.
- Weather Dashboard - Deployed weather forecasting app leveraging free weather API, JS, and Bootstrap
- Workday Scheduler - Developed interactive scheduler with jQuery and Bootstrap

Work Experience

Safety Engineer, *Flexitallic-US, LLC*, 2017-Present

- Reduced annual injury rate by 40% on average
- Increased reported safety issues by 30% by pioneering safety kiosk, improving safety culture
- Developed training program and personally administered 50+ one-hour long training sessions

Manufacturing Engineer, *Freudenberg O>*, 2012-2016

- Managed order and installation of \$1 million equipment upgrade
- Established standard work procedures for rubber molding equip. and processes
- Facilitated solutions for engineering and production issues, recommending tool modifications/process improvements
- Coordinated technical documentation in response to customer complaints and oversaw internal corrective/preventive actions related to manufacturing

Past Leadership Experience

- Assistant Regional Director - Houston, *Sigma Lambda Beta International Fraternity, Inc.*
- UT-Austin student organizations
 - Chapter President, Eta Alpha, *Sigma Lambda Beta International Fraternity, Inc.*
 - Director of Recreation, *Society of Hispanic Professional Engineers*
- Tutor - Math tutor at Lone Star College, Spanish tutor for friends
- Volunteer - *Last Organic Outpost*