

TYLER RIEHL

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RELEVANT EXPERIENCE

Raytheon Technologies

Lead Engineer | November 2019 - Current | Tucson, AZ

- Founded a python test script that allowed over 1,000 production assets to be delivered to the customer and achieved a 95% customer satisfaction on internal metrics.
- Implemented an internal jet engine supplier website that allowed suppliers to build a capabilities profile for our design team to review, which eventually resulted in a contract award of \$10 million.
- Orchestrated the reliability test program on a classified program, completed the test program ahead of schedule which resulted in a program incentive bonus of \$35 million.

Belcan Global Engineering

Software Engineer | May 2016 - November 2019 | Cincinnati, OH

- Formulated test/design software that resulted in the Leap-1B engine being FAA certified.
- Oversaw a qualification test team of 20 engineers and completed FAA certification for a drive motor circuit card 4 months ahead of schedule which resulted in a follow up contract award.
- Initiated a physics based model using simulink that allowed the customer to provide proof of design which led to a full prime contract award.

WEB PROJECTS

SOS Cat Rescue Tucson

Technologies Used: HTML, SASS, ES6 JavaScript, SwiperJs, Contentful, PHP, Netlify

- Designed the new UI using Figma and with client approval went forward with a fully operational UI/UX design that was approved by their board.
- Developed the front end code fully responsive with a mobile first approach, this was approved again by the board with some feedback from their team.
- Integrated the front end code with a CMS and a PHP email script and provided a two hour virtual learning for their team with cost analysis for using Contentful.

Personal Portfolio - TylerJRiehl.com

Technologies Used: HTML, SASS, ES6 JavaScript, React, NodeJs, EmailJS

- Built a personal profile while learning React JS to showcase personal projects.

EDUCATION

Frontend Masters Bootcamp - Jan 2021

Bachelor of Science - Aerospace Engineering - University of Cincinnati, 2016

INTERESTS/SKILLS

Interests: Volleyball, Cooking, Video Games, Soccer, Snowboarding, and Volunteering.

Tech Stack: React, HTML, JS, SASS, Figma, Github, VS Code, Python, NodeJS and Netlify.