

Tyler Riehl

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PROFESSIONAL ACCOMPLISHMENTS

- 5 years in software engineering providing rapid solutions in a development environment
- Launched website form to retrieve data that resulted in a contract award of over \$2 million
- Engineered the UI and logic of a cockpit display that deployed on 4 software builds
- Decreased cost by \$450,000 on a yearlong test program as the operations director of 20 employees
- Competed in Team Fight Tactics tournaments and placed top 200 in the nation on the ranked ladder

RELEVANT EXPERIENCE

Raytheon Technologies

Nov 2019 – Present

Lead Engineer

Tucson, AZ

- Developed frontend form by using HTML, JavaScript, Sass, Chart JS alongside backend team
- Acquired 2 million dollar contract with supplier form by developing internal RESTful API
- Refined customer landing page by updating frontend which resulted in 80% more traffic

GE Aviation

May 2016 – Nov 2019

Software Engineer

Cincinnati, OH

- Decreased cost by \$450,000 on a yearlong test program as the operations director of 20 employees
- Engineered the UI and logic of a cockpit display that deployed on 4 military engine software builds
- Improved a numerical engine model by 15% by incorporating new NPSS modeling technology

EDUCATION

University of Cincinnati

May, 2016

Bachelor's Aerospace Engineering

Cincinnati, OH

- Dean's List, Robotics Club, Rocket Club, Bearcats Assisting Global Students Founder

Frontend Masters Bootcamp

Jan, 2021

- Self taught frontend developed while working full time as an engineer at Raytheon

WEB PROJECTS

SOS Cat Rescue Tucson AZ - [Github Page](#)

Jun 2021 – Present

- Overhauled website design using Figma Prototype to get client approval
- Built frontend framework using HTML, Sass, Javascript, SwiperJs
- Programmed Ruby on Rails backend to interact with PostgreSQL for ease of use for client

Sunscreen iOS Watch Application - [Github Page](#)

Sep 2021 – Present

- Prototyped concept using JavaScript/React to get contract from client
- Wrote frontend in HTML/CSS/JavaScript along with fetch API to get weather for current location
- Focused on using Node Js to deploy in a server environment, got further contract to deploy to iOS store

Motivation Bot - [Github Page](#)

Mar 2021 – Jun 2021

- Illustrated understanding of responsive web design by achieving a 100% lighthouse score
- Expanded knowledge by using RESTful APIs and redesigning with React to further comprehension

SKILLS & INTERESTS

- **Skills:** HTML5, CSS, Sass, Javascript ES6, Node Js, Ruby on Rails, Python, PostgreSQL, VSCode, Figma
- **Interests:** Volleyball, Video Games, Soccer, Craft Beer, Traveling, Cats, Cooking, MTG, and Board Games