

ED HO

Cell: 415-699-7577 edmundho99@gmail.com [website](#) [linkedin](#) [github](#)

skills

Ruby, Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3

projects

TRACER

[live site](#) | [github](#)

Single-page app where users can build and save running and cycling routes; React.js/Redux front-end and Ruby on Rails backend

- Utilized the Google Maps elevation API to dynamically update & display overall elevation gain of user-generated routes.
- Designed a GUI to allow users to build multi-leg routes leveraging the Google Maps directions API, with 'undo' and 'redo' functionality
- Leveraged UI slice of state with the Redux cycle to conditionally display user forms.

shapeShift

[live site](#) | [github](#)

An addicting and challenging typing game built with JavaScript and HTML5 Canvas

- Implemented a 'keypress' event listener in JavaScript and manipulated Canvas to dynamically highlight letters as the player correctly types a word.
- Programmed function that augments Canvas' gradient function to create pulsing effect in game background.
- Designed algorithm that calculates, displays, and updates the player's WPM and accuracy in real time.

Yelp on Slack

[live site](#) | [github](#)

A Slack extension to help users decide where to go for lunch. MERN stack, Slack, Yelp, Google, and Imgur APIs

- Set up an API endpoint in Express in conjunction with Node to authenticate the channel on installation
- Persisted channel webhook url data to MongoDB database using 'mongoose' JavaScript library.

experience

Supplier Quality Engineer

UTC Aerospace Systems | Chula Vista, CA

Apr 2017 - Dec 2017

- Developed and successfully executed Supply Chain Quality Assurance First Article Inspection Documentation Review Process across company-wide programs within 3 months.
- Created reference training material for supply base and succeeded in minimizing supplier documentation mistakes by over 50%.

Quality Engineer

Quatro Composites | Poway, CA

Sep 2015 - Mar 2017

- Performed, developed & shipped final & first-article inspections and helped improve company on-time delivery to 98%.
- Designed & deployed work instructions and documentation following strict guidelines governed by aerospace standards
- Automated over 75% of inspection with weekly CMM (coordinate measuring machine) operation & programming.

Applications/Service Engineer

Indicate Technologies | Santa Clara, CA

Aug 2012 - May 2015

- Programmed 3D measurement software on optical CMM's for automation of customer product inspection.
- Applied critical thinking daily to calibrate, maintain, troubleshoot and repair highly sensitive metrology equipment in high-intensity, FDA-regulated, medical device manufacturing & laboratory environments.

education

App Academy (Spring 2018)

1000-hour immersive full-stack web development intensive with <5% acceptance rate

University California @ Davis (Spring 2012)

BS - Mechanical Engineering