

Jonathon Wright

E-MAIL jonwright93@gmail.com

CELL (510) 449 – 5429



www.jonathonwright.me



www.github.com/jwright93



www.linkedin.com/in/jonathonwright93

Portfolio

FitWork (Rails, React/Redux) | [Live](#) • [Github](#)

Single page gym finder web application inspired by Yelp

- o Designed React search feature that processes matches by name and category to improve navigation
- o Integrated Google Maps API by retrieving coordinates from PostgreSQL database and presenting the location of businesses/gyms on Google Maps
- o Implemented Review feature that allows users to post and delete reviews for businesses if they are an authorized user

PackOnce (Django, React Native) | [Live](#) • [Github](#)

Mobile application that aims to make it easier to pack for trips

- o Designed suggested items feature that implements CRUD Django application to suggest most frequently brought items from other users
- o Implemented all trips React Native component that fetches all trips the user has created

Cliffed (JavaScript, HTML5, Canvas) | [Live](#) • [Github](#)

JavaScript game in which players are challenged to outrun the cliff for as long as possible

- o Implemented collision detection between branches, obstacles, and the player
- o Increased the difficulty dynamically by manipulating velocity of the branches as time increases

Skills

Ruby	JavaScript	React.js	jQuery	Flux
Rails	React Native	Python	Django	SQL
HTML	CSS	Git	Matlab	LabVIEW

Experience

Edwards Lifesciences

June 2015 – August 2015

Engineering Intern

- o Designed and tested in SolidWorks for over 60 unique parts of an implant valve delivery system that assisted surgeons in curing Functional Mitral Regurgitation(FMR) heart disease in patients
- o Developed test fixtures to perform strength analysis on newly designed components to ensure optimal performance under extreme operating conditions
- o Performed quality analysis audits on critical components, allowing surgeons to perform testing before quarterly review deadlines

Education

University of Southern California (USC), Graduated. 2016

B.S. Mechanical Engineering, GPA: 3.23

App Academy, January 2017 – April 2017

- o Immersive 1000-hour full-stack web development course with a 3% acceptance rate