Zach Haddad

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Skills	**Ruby, Rails, Rspec, Cucumber, Gherkin, JavaScript, jQuery, React, Redux, PostgreSQL, CSS3, HTML5, Git,** C#/.Net, Python, Lodash, Bootstrap, Jest, Enzyme

Projects

Trekmates (Ruby on Rails, React, Redux) Live | Github Dec 2016 - Feb 2017
Full-stack web application for endurance athletes inspired by Meetup
- Utilized React-Router and single-page design to facilitate responsive navigation and dynamically update views
- Implemented custom user authentication with Bcrypt password hashing
- Ensured secured routing with Rails controller checks and React-Router onEnter hooks

InfiniteRPS (JavaScript, HTML5, CSS) Live | Github Feb 2017
Browser-based rhythm game with rock-paper-scissors logic
- Rendered game graphics onto a Canvas element and made use of separate screen overlays as menus for bug-free rendering and intuitive game flow
- Wrote a function to modulate difficulty by progressively increasing the number of enemies and the likelihood of an opposite enemy appearing

Walk With Me (React Native, Firebase) Github Mar 2017
Mobile iOS app that matches users for a safer walking experience
- Provides quick and simple user signup with Facebook OAuth
- Destination search and route setting via Google Maps and Places API
- Seamless route matching implemented with Firebase Realtime Database

Experience

Project Manager, Medical Scribe | Lehigh Valley Hospital | 10/2013-04/2016
- Improved the quality and comprehensiveness of medical documentation in the ER and outpatient environments
- Successfully trained over 30 new scribes and implemented the scribe program in various speciality offices throughout the Lehigh Valley Health network
- Increased the number of patients seen per day by an average of 30% for client physicians by decreasing charting time

Research Associate | University of Pittsburgh | 04/2011-12/2012
- Completed cytotoxicity study characterizing KV2.1 channels in CHO cells
- Key responsibilities included cell culture, plasmid preparation, PCR

Education

App Academy | 11/2016 - 03/2017
- Intensive 1000-hour web development course with < 5% acceptance rate.
- Ruby on Rails, React.JS, scalability, algorithms, data structures, single-page apps, TDD, pair programming, and web development best practices

University of Pittsburgh | class of 2013
- BS Neuroscience, BA German
- 3.52 GPA, Magna Cum Laude, Phi Beta Kappa