Zach Haddad

Asheville, NC
E-mail | Zach.G.Haddad@gmail.com
Cell | (610) 349-5299

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) Demo | 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