

Zach Haddad

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| Skills | Ruby, Rails, Rspec, Cucumber, Gherkin, JavaScript, jQuery, React, Redux, PostgreSQL, CSS, HTML, Git, C#/.Net, Python |
| Projects | <p>Trekmates (Ruby on Rails, React, Redux) Live Github Dec 2016 - Feb 2017 Full-stack web application for endurance athletes inspired by Meetup</p> <ul style="list-style-type: none">○ Utilizes single-page design to facilitate responsive navigation○ Implemented authentication with Bcrypt password hashing○ Ensures secured routing with Rails controller checks and react-router onEnter hooks <p>InfiniteRPS (JavaScript, HTML5, CSS) Live Github Feb 2017 Browser-based rhythm game with rock-paper-scissors logic</p> <ul style="list-style-type: none">○ Draws game graphics on HTML Canvas and uses separate screen overlays as menus for bug-free rendering and intuitive game flow○ Number of enemies and spawn frequency modulates as level increases <p>Walk With Me (React Native, Firebase) Github Mar 2017 Mobile iOS app that matches users for a safer walking experience</p> <ul style="list-style-type: none">○ 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 | <p>Project Manager, Medical Scribe Lehigh Valley Hospital 10/2013-04/2016</p> <ul style="list-style-type: none">○ 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 <p>Research Associate University of Pittsburgh 04/2011-12/2012</p> <ul style="list-style-type: none">○ Completed cytotoxicity study characterizing KV2.1 channels in CHO cells○ Key responsibilities included cell culture, plasmid preparation, PCR |
| Education | <p>App Academy 11/2016 - 02/2017</p> <ul style="list-style-type: none">○ Intensive 1000-hour full stack web development course with < 5% acceptance rate.○ Rails, React, scalability, algorithms, data structures, single-page apps, and web development best practices <p>University of Pittsburgh class of 2013</p> <ul style="list-style-type: none">○ BS Neuroscience, BA German○ 3.52 GPA, Magna Cum Laude, Phi Beta Kappa |

