Woody Lucas

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LinkedIn: linkedin.com/woodylucas   **GitHub:** https://github.com/woodylucas   **Portfolio:** woodylucas.github.io

>LANGUAGES AND TECHNOLOGIES
- **Proficient:** JavaScript, React, React Native, React Hooks, Redux, Node.js, Express, SQL, PostgreSQL, SQLite, MongoDB, Heroku, HTML5, CSS3, Semantic UI, AJAX, Git
- **Exposure:** Java, Ruby on Rails, Python, D3.js

>PROFESSIONAL EXPERIENCE
WL Development | Software Engineer | New York, NY   Apr 2019 -Present
- Trained team of 3+ software engineers in React Native development, assisting them in constructing platform to enable college scouts to better recruit high school baseball players.
- Designed and built flexible and innovative web-based data visualizations to showcase athlete statistical data on 20,000+ baseball players utilizing JavaScript and D3.js.
- Architected PostgreSQL database utilizing Ruby on Rails and Active Record to create complex relationships between users, teams, and high school players.
- Augmented customer PostgreSQL database by developing reusable code that truncated athlete statistical data to ensure faster lookup times (over 2 - 3% increase).
- Engineered fitness management platform for tracking workout routines utilizing JavaScript, React, Redux, and Ruby on Rails, designed for product launch for new gym startup.
- Refactored drag and drop feature in web layout for fashion design platform, migrating state management from Redux to React Hooks, improving code readability by over 30%.
- Improved UI/UX of fashion platform utilizing HTML5, CSS3, and Semantic UI, creating 'hover' functionality of fashion model images for users to have closer view of clothing items.

General Assembly | Software Engineering TA | New York, NY   Aug 2019 - Mar 2020
- Provided in-depth knowledge on instructor taught lessons, supporting on growing student knowledge on JavaScript fundamentals and React.
- Organized office hours to provide support to engineering students to improve knowledge retention on topics.

WHYNAMEUS | Client Management Associate | New York, NY   Jun 2016 - Sep 2016
- Served as first point of contact for clients engaged in Search Engine Optimization (SEO) projects; generated and delivered SEO reports to clients and tracked results of ongoing projects.

>EDUCATION
B.S. Economics, *St. John's University*   May 2015

>CERTIFICATIONS
Full Stack Web Development (Ruby on Rails & JavaScript), *Flatiron School*   Apr 2019

>PROJECT WORK
SWISH! | Software Engineer | Demo | Github   Apr 2019 - May 2019
Visualization tool using NBA data to explore shot selection with plenty of conditionals.
- Established front-end interface using JavaScript, React, and Redux, implementing UI design in Semantic UI.
- Integrated NBA Stats API to allow users to search for players and view how well on different court spots.
- Implemented D3.js (Data Driven Documents) to showcase interactive shot chart data.
- Created server side API with Ruby on Rails to persist user created actions and external API results.

Flatiron Ware Game | Software Engineer | Demo | Github   Feb 2019 - Mar 2019
Users are presented with 5 games that they must complete in 20 sec with the ultimate goal to obtain the highest score!
- Developed RESTful API in Ruby on Rails, providing users ability to achieve high scores and have them posted.
- Constructed PostgreSQL database with Ruby on Rails and Active Record, designed to track users, gamestate, and high scores.