JONATHAN LOFTON

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https://github.com/jonathanlofton

SKILLS

Software Engineer with experience in JavaScript, Ruby, Rails, React.js, Redux, jQuery, SQL, HTML, CSS, Git

PROJECTS

DRIFT

https://driftspotifyclone.herokuapp.com/#/

https://github.com/jonathanlofton/Drift

- A full-stack, music streaming single page application inspired by Spotify, providing users with continuous audio play while navigating the site, as well as creating custom music playlists.
- Implemented custom user interface providing a smooth and effortless user experience
- Utilized Rails MVC web framework to fetch and store data to PostgreSQL database, and JavsScript's React library for the frontend application
- Reduced code complexity and improved project maintainability with REDUX unidirectional data flow architecture

EXPERIENCE

University of Washington - Research Assistant - Environmental Chemistry (2015 - 2017)

- Researched potential causes for pre-spawn mortality in Coho Salmon migrating through urban watersheds
- Developed and optimized analytical methods for tissue extractions reducing interference produced by lipids substantially
- Collaborated with research scientists in experimental design, data collection, and data analysis which secured funding from multiple government agencies
- Trained interns in general laboratory problem solving and laboratory best practices

EDUCATION

University of South Florida, Tampa, B.A. Chemistry, GPA: 3.5 (2012 - 2015)

App Academy (2017)

Rigorous web development course teaching Rails and React.js with a 3% acceptance rate. Emphasis on full-stack web development, algorithms, data structures, and programming best practices.