

Taylor Chesnutt

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SKILLS

JavaScript, Git, HTML5, Redux, React, Node, Linux, CSS3, Ruby, Rails

EXPERIENCE

Software Engineering Intern

Hash Map Labs

2016 - 2017

- Conducted technical screening of bootcamp applicants and assessed algorithmic aptitude in various languages, including JavaScript, Ruby, Python, and Java.
- Configured staging area for App Academy's new online course on heroku.

Quality Control Technician

Henkel

2015 - 2016

- Performed in-process testing, including FTIR, rheometry, and wet chemistry.
- Trained new employees on laboratory procedure.
- Collaborated with R&D in development of standards for new products.
- Arbitrated dialog and disputes between Quality Control and Production departments.

Quality Control Chemist

J&D Laboratories

2014 - 2015

- Tested raw materials and finished products for content and impurities using HPLC and ICP-MS.
- Trained new employees in sample preparation, analytical methods, and system validation of HPLC and ICP-MS.
- Adapted existing ICP-MS methods to new ICP-MS instrument and wrote standing operating procedure for ICP-MS and Microwave Digestion.

Research Analyst

A&N Technical Services

2013 - 2016

- Gathered and created descriptive statistics and models for use in both predictive and prescriptive analytics.
- Translated STATA programs into R for external use.

PROJECTS

Sandcamp | (React/Redux, Rails 4)

[live](#) | [github](#)

- A single-page web application with a frontend written using React/Redux and consumes a RESTful API written in Rails. Inspired by soundcloud and bandcamp.
- Utilized live filtering capability by passing search parameters to the Rails backend to be used in chainable Active Record queries.
- Persistent audio player implemented using react-player.
- Crafted seamless user experience by overlaying Material-UI dialogs on top of the main app to handle workflows for user authentication and album uploading.
- Leveraged batch uploading to enhance performance of database.

Find People Hiking | (React/Redux, Google Maps API)

[live](#) | [github](#)

- A single-page web application built with React/Redux.
- Integrated Google Maps API as a React component with access to the Redux state.
- Uses Haverine to find how far user picked points are from an uploaded trail.
- Optimized searching for updating/deleting points on trail.

Upword Docs Addon | (Vanilla Javascript, Google Script)

[live](#) | [github](#)

- Created Google Docs Addon of existing Chrome extension to live-swap words while typing.
- Configured communication via axios between external synonyms API Express server and Google server.

EDUCATION

University of California, Santa Cruz - 2013

BS Chemistry

App Academy - 2016

Full-stack web development course · acceptance rate 3%