

EDWARD GARRETT

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

Boise, ID

SKILLS

React, Redux, Ruby, Ruby on Rails, JavaScript, HTML5, CSS3, SQL, Mongoose, MongoDB, Node.js, Express.js, PostgreSQL, Webpack, JQuery, Ajax, Git, Heroku, Amazon S3, C++, Splunk

PROJECTS

BANDCHAMP (Ruby, Rails, React/Redux, HTML5, CSS3)

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

BandChamp is a clone of the popular website Bandcamp where artists host art and music, and fans directly support those artists

- Utilized the HTML5 audio tag and related DOM events to load song metadata and fashion a custom audio player with seekbar and song clock by using an input tag's value and correlating it with an onChange event for the song's current time.
- Set DOM with onClick eventListener to make the 'drop-down list state' false except for the list itself excluding the list node using the currentTarget. Overall, this let's users click anywhere but the list on the DOM to hide the dropdown list.
- Take advantage of Amazon S3 storage buckets to improve speed and efficiency in which media files are retrieved and stored as well as to secure transmission and storage of files using AES-256 and TLS respectively.

REAL-ANALYTICS (MongDB, Express, React, Node.js, JavaScript)

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

Real Analytics uses Google Maps and Realtor API data to search for properties data and statistics on those properties

- Took longitudinal and latitudinal data from Realtor API and passed in as a prop to the 'GoogleMap' component the "defaultCenter" object with the 'lat' and 'lon' keys to accurately place markers on the map.
- Procedurally generated property data and supplied map markers with an onClick function to pass the associated property ids as arguments allowing users to view a summary of properties by clicking on the appropriate marker.
- Leveraged Recharts React library, alongside a digest of reformatted data pulled from the Realtor API to graph a property's year built, price per square foot for rentals and residential alongside all other properties of that zip code.
- Instantiated login, signup, and logout authentication routes using the Node.js framework Express, wrote Schema using Mongoose for MongDB, and employed JSON web tokens to allow persistent access to site services.

GOING VIRAL (JavaScript, HTML5, CSS3)

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

GoingViral uses CDC API to present pertinent Coronavirus data on a state by state basis in the US in an engaging manner

- Constructed a custom scrollable sidebar through CSS ::-webkit-scrollbar; which holds clickable states, that trigger API calls and appends SVG and HTML to create a new state graph and map.
- Fashioned bar graph using SVG tag and D3's Scalelinear and ScaleBand alongside JavaScript's setTimeout function with D3's transition duration and delay to create scalable graphs with smooth and synchronized graph transitions by coordinating .
- Fetched local TopoJSON data to draw paths of the US and states using the 'feature' and 'mesh' TopoJSON functions, and upon picking another state's data set in the scrollbar, the TopoJSON mesh function highlights the selected state.

EXPERIENCE

Sales Associate

Pour Wines, New York, Ny

July 2018 - August 2019

- Input, audited, and updated product information through e-commerce platform Shopify, inventory management system Shopkeep, and Microsoft excel daily.
- Upheld managerial responsibilities which included daily accounting duties, vendor/client relations, coordinating receiving and shipping schedules, inventory management, as well as assisting every customer that walked in the shop.
- Trained multiple employees in sales techniques, wine knowledge, and relevant laws in addition to daily tasks.
- Regularly exceeded sales goals for 'average per transaction' of greater than \$40.

EDUCATION

Web Development - App Academy | August 28th, 2020

- A programming intensive with <3% acceptance rate and 1000 plus hours of coursework over three months

MS Cybersecurity - Fordham University, Graduate School of Arts and Sciences | 2018 - 2019

BS Computer Science - Fordham University of New York | 2014 - 2018

- Relevant Coursework: Data Structures, Discrete Structures, Computer Algorithms, Computer Science I & II & III (C++)