Bee Ellis

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SKILLS
Ruby / Rails, JavaScript, Dart, RSpec, React.js, jQuery, Redux, Apollo, SQL, MongoDB, GraphQL, MERN, HTML5, CSS3

PROJECTS

DartSynth   Live Site | Github
*Interactive audio sequencer built using **Dart, JavaScript, Tone.js, HTML, and CSS**.*
- Accelerated development through the use of Dart's **strict type system** and hot reload that made bugs incredibly easy to spot in real-time.
- Formulated interface between Tone.js library and Dart components through dispatching custom DOM events with Dart, and intercepting them with JavaScript, expediting application development through bypassing the pricey alternative of porting the Tone.js library to Dart.

Roastia   Live Site | Github
*Craft coffee shop finder constructed using **JavaScript, MongoDB, Express, GraphQL, React with Apollo, and Node.js (MERN)**.*
- Developed **styled React components** significantly decreasing the time required to develop the app, as the components could be reused anywhere in the application while appearing exactly the same.
- Overhauled React form handling through the use of the Formik **third-party javascript library,** reducing the amount of broiler-plate-code required, saving the team a considerable amount of time**.**

IckyArt   Live Site | Github
*An online art encyclopedia developed using **Ruby on Rails, jQuery, JavaScript, React, Redux, and PostgreSQL**.*
- Utilized the **third-party MediaWiki API** to fetch real-time data from Wikipedia, ensuringing up-to-date information on the live site.
- Implemented a **polymorphic association** in order to store the links to the pictures for both the artists and artworks, yielding a significantly simplified structure of the database while simultaneously streamlining data-fetching.

PhilanthroTrees   Live Site | Github
*A community-based volunteer task tracker built using **JavaScript, MongoDB, Express, React, Redux, and Node.js (MERN)**.*
- Formulated dynamic fetching of sprites through the use of **Webpack**, allowing for a variety of images to be displayed without the need to hard-code them into the React components.
- Engineered intuitive UI through extensive use of React with Redux in order to add data retrieved from **AJAX requests** to the local store, enabling the seamless fetching of information in real time.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (December 2019)
University of Washington - *BA with Departmental Honors - 3.83 Departmental GPA - Philosophy* (March 2019)

EXPERIENCE

Barista
Fuel Coffee, Sep 2017 - Mar 2019
- Educated guests on the acute differences that affect the flavor profiles of coffee, cultivating a passion for the study of coffee in an innumerous quantity of customers.
- Trained 5 coworkers how to craft fine coffee for over 300 customers in a five hour shift.

Lead Barista
Woodinville Bagel Bakery, Feb 2015 - Jun 2017
- Innovated the company's mission to include an initiative to craft quality espresso, resulting in a long lasting increase in customer retention and improved customer experiences.
- Revamped company espresso training procedure to include policy, procedures, and customer service best practices, leading to significantly better, more consistent, coffee quality.

Shift Leader
Teddy's Bigger Burgers, Oct 2013 - Dec 2014
- Oversaw a team of 8 providing direction on superior customer service, policy and procedure, POS system operation, and product quality.