Bee Ellis

P. 425-563-3176   bellis8099@gmail.com   Personal Site   LinkedIn   Github   Seattle, Washington

SKILLS

JavaScript, Dart, Ruby / Rails, RSpec, React.js, jQuery, Redux, Apollo, SQL, GraphQL, MongoDB, HTML, CSS, Linux, Bash, Docker, Git

PROJECTS

Roastia   Live Site | Github

*Craft coffee shop finder constructed using **JavaScript, MongoDB, Express, GraphQL, React, Apollo, and Node.js (MERN + GraphQL).***

- Implemented **custom debounced-search React hook,** resulting in a lightened server load with a more than 50% decrease in requests sent during searches.
- Overhauled React form handling through the use of the Formik **third-party JavaScript library,** reducing the amount of broiler-plate-code required while significantly decreasing the labor cost of maintenance.

DartSynth   Live Site | Github

*Interactive audio sequencer built using **Dart, TypeScript, Tone.js, HTML, and CSS.***

- Accelerated development through the use of Dart's strict type system and live 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.

IckyArt   Live Site | Github

*An online art encyclopedia developed using **Ruby on Rails, jQuery, JavaScript, React, Redux, and PostgreSQL**.*

- Utilized the MediaWiki **third-party API** to fetch real-time data from Wikipedia, ensuring up-to-date information on the live page.
- 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 the images into the React components.
- Engineered intuitive UI through 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 - *Rigorous 5-month, 1500-hour+ software engineering course with <3% acceptance rate* (December 2019)
University of Washington - *BA with Departmental Honors - 3.83 Departmental GPA - Philosophy* (March 2019)

EXPERIENCE

Barista

Fuel Coffee, Sep 2017 - Mar 2019

- Cultivated a passion for the study of coffee in our guests through education about the minute differences that affect the flavor profile of coffee.
- Increased overall productivity in the workplace by means of training 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

- Acted as the leader for a team of 8 providing direction on superior customer service, policy and procedure, POS system operation, and product quality.