

# Bee Ellis

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[Personal Site](#)

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Seattle, Washington

## SKILLS

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

## PROJECTS

### 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.

### 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 boiler-plate-code required while significantly decreasing the labor cost of maintenance.

### 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.