Bee Ellis

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**SKILLS** Ruby, JavaScript, Dart, React.js, Ruby on Rails, jQuery, Redux, Apollo, SQL, GraphQL, Git, HTML5, CSS3

## 

**PROJECTS**

**DartSynth**  [Live Site](https://dartsynth.firebaseapp.com/) | [Github](https://github.com/hegelocampus/DartSynth)

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

* Built using Google’s **Dart** language in order to accelerate development due to Dart's **strict type system** that made bugs incredibly easy to spot in real-time.
* Formulated interface between JavaScript and Dart components. Through dispatching custom DOM events with Dart, and intercepting them with JavaScript, application development was expedited through bypassing the pricey alternative of porting the Tone.js library to Dart.

**Roastia**  [Live Site](https://roastia.herokuapp.com/) | [Github](https://github.com/hegelocampus/Roastia)

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

* Developed using **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.
* Incorporated modern CSS properties, such as **Flexbox** and **Grid** to allow for easy object positioning on the page, and animations to make the user’s experience feel more organic.

**IckyArt** [Live Site](https://wikiartclone.herokuapp.com) | [Github](https://github.com/hegelocampus/WikiArtClone)

*An online art encyclopedia developed using Ruby on Rails as an API, jQuery, Javascript, PostgreSQL.*

* Engineered intuitive UI through extensive use of **React with Redux** in order to add data retrieved from **AJAX requests** to the local store. Creating a webpage that seamlessly fetches requested information in real time.
* Implemented a **polymorphic association** in order to store the links to the pictures for both the artists and artworks in a PostgreSQL database under the same table. This yielded a significantly simplified structure of the database while simultaneously streamlining data-fetching.
* Utilized MediaWiki API to fetch the real-time Wikipedia intro paragraph for use for on the artist detail page, notably reducing the amount of data that needed to be stored in the app’s own database.

**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 quality espresso in a high volume café.
* Served over 300 customers in a five hour shift at a high volume craft coffee shop.

**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. Which, in turn,

**Shift Leader**

*Teddy’s Bigger Burgers*, Oct 2013 - Dec 2014

* Oversaw a team of 8 providing direction on superior customer service, policy and procedure and product quality

**EDUCATION**

## **App Academy -** Immersive software development course with focus on full stack web development (Winter 2019)

## **University of Washington -** *BA with Departmental Honors - Philosophy*(Spring 2019)