

ARIANNE DIMOFF

(415) 425-6817 ariannedimoff@gmail.com

[GITHUB](#)

[LINKEDIN](#)

SKILLS React, Redux, Ruby, Rails, Ruby on Rails, Javascript, HTML, CSS, SQL/Postgres, MongoDB, Mongoose, Webpack, RSpec, Node, jQuery, Git, Heroku, D3

PROJECTS

Busy Bee

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

A route generation application that uses MongoDB, Express, React, and Node

- Remotely led a team of four to coordinate effective team processes in full stack development of an original design concept by leading daily Zoom stand-up meetings to optimize productivity and managing GitHub workflow to limit merge conflicts.
- Integrated multiple Google APIs including Maps Javascript, Places, Geocoding, and Directions to engineer an interactive user interface that addresses the commonly studied “travelling salesman problem” to generate the most efficient route between multiple locations while considering factors such as traffic, road closures, and business hours.
- Utilized Validator.js to verify user login information, which was stored in a NoSQL database housed on MongoDB.
- Efficiently designed MongoDB data models to reduce unnecessary database queries by embedding user’s one-to-many relations within the user collection to allow all user information to be retrieved on login and placed in the redux state.

Willow

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

A full stack clone of the real-estate site Zillow using Ruby, React, Redux, Javascript, Babel, Webpack, and SCSS

- Created a pixel-perfect frontend clone of the original site using React, SCSS, and media-queries, and displaying seeded images hosted on Amazon Web Services S3.
- Utilized BCrypt gem for password encryption to enable secure user authentication and store hashed and salted passwords within the database.
- Integrated Google Maps API to create an interactive searchable map displaying property listings by location.
- Effectively managed data by utilizing React/Redux mapStateToProps to add data from state to component and avoid unnecessary AJAX queries.

COVID-19 Timeline Data Visualization

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

Data Visualization application using Javascript, VanillaDOM and D3 that follows movement of Covid-19 through the US

- Leveraged D3.js libraries to display an interactive and dynamic color-coded map of USA
- Incorporated active API calls to retrieve unique data from third-party databases to display dynamic content, while utilizing Github Gists to eliminate unnecessary API calls when displaying static data .
- Streamlined product development by designing UI/UX and creating wireframes to plan application architecture prior to implementation
- Produced interactive interface by fetching data from an API using axios HTTP requests and rendering information by performing HTML DOM manipulation using Javascript and CSS.

EXPERIENCE

Registered Nurse

Vancouver Island Health Authority

July 2016 - October 2020

- Performed a variety of technical skills in acute care nursing in both medical care units as well as labor and delivery and perinatal operating rooms, specializing in high risk obstetrical care environments with one-to-one nurse/patient ratios .
- Utilized highly effective communication skills while working on fast-paced, high acuity, multidisciplinary medical teams including physicians, anesthesiologists, respiratory therapists, nurses, and operating room staff.

Nurse Preceptor

British Columbia Institute of Technology

January 2020 - October 2020

- Provided one-on-one education and training to experienced Registered Nurses transitioning into the care area of obstetrical nursing.
- Researched effective teaching strategies specific to adult students learning in fast-paced environments with the goals of: optimizing learning experiences, effectively preparing learners for the workforce, and increasing staff retention rates.

EDUCATION

Web Development - App Academy | Spring 2021

Bachelor of Science in Nursing - Vancouver Island University | 2012 - 2016

Master of Science in Nursing - Athabasca University | 2018 - 2021 (TBC)