



# ARIANNE DIMOFF

## SOFTWARE ENGINEER

### CONTACT

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### EDUCATION

- Fullstack Web Development - App Academy, 2021
- Master of Nursing - Athabasca University, 2021
- Bachelor of Science in Nursing - Vancouver Island University, 2016

### TECHNICAL SKILLS

- Ruby on Rails
- Javascript
- React
- Redux
- HTML
- CSS
- Postgres
- SQL
- New Relic
- CloudWatch
- TestRail
- Cypress
- GraphQL
- Git
- Docker
- Jira
- Python

## WORK EXPERIENCE

### Associate Software Engineer

Vault Health Inc. | Nov 2021 - present

- Utilized Cypress framework to build automation test coverage for existing features
- Conducted manual QA on new features, monitored New Relic and CloudWatch for application errors

### Registered Nurse

Island Health | 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.

## PROJECTS

### Willow

[Live](#) | [Github](#)

Fullstack clone of real-estate site Zillow using Ruby on Rails and React.js

- 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 components

### 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
- 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.

### Busy Bee

[Live](#) | [Github](#)

A route generation application built with MongoDB, Express, React, and Node

- Integrated multiple Google APIs to engineer an interactive map that generates the most efficient route between multiple locations while considering factors such as traffic, road closures, and business hours
- 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.