

SKILLS

Proficient in React, Redux, Ruby on Rails framework and JavaScript. Experience with relational and non-relational databases including PostgreSQL, SQLite3 and MongoDB. Skilled in using Git, Heroku and Webpack. Accustomed to Mongoose, Node.js and Express.js.

PROJECTS

SplitVilla | (React, Redux, Ruby on Rails, HTML/CSS, Heroku)

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

- Implemented full bidirectional friendship CRUD functionality making use of separate PostgreSQL data tables, allowing users to send or delete friend requests, and accept or deny others' requests
- Implemented front-end caching to avoid excessive requests to the database by using thunk middleware to update the Redux store whenever a request was made, thus keeping front-end state in sync with database state.
- Applied CSS3 flexbox and React-Modal for smoother user interface when creating and editing bills.

NetZero | (MongoDB, Express.js, Node.js, Mongoose, AWS, React, Redux, Git)

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

- Designed a 2 way system for the back-end API and Redux store to save image files. Using MongoDB, AWS S3 and multer one request is made to AWS S3 to save the file, followed by a request to MongoDB to save meta-data and the S3 file link
- Developed server routes and REST APIs in the back-end using express and mongoose for application features such as user authentication, commenting and pledges which all have CRUD functionality
- Utilized Git workflow in a team setting to cooperate efficiently and peer-reviewed pull requests to minimize merge conflicts.

Tracing Fun | (Vanilla JavaScript, HTML5 and CSS3)

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

- Enabled event listeners to watch for click events to render changes to canvas
- Implemented the use of Canvas and vanilla JS to design a child friendly tool to encourage reading and writing
- Using the Uint8ClampedArray pixel data created an algorithm that appropriately calculates when the letter is correctly traced.

EXPERIENCE

Radiation Therapist

Carlos Fidani Cancer Center

Aug 2019 - Feb 2021

- Lead a team of 5 radiation therapist in delivering complex photon beam image guided radiation therapy while ensuring highest level of patient safety
- Member of the interdisciplinary healthcare team where we assessed patients and their medical records to plan the best therapeutics actions to cure their cancer

Medical Dosimetrist

Bliss Murphy Cancer Center

Jun 2011 - Aug 2019

- Worked with a team of Doctors and Medical Physicists in planning and delivering therapeutic radiation exposure to treat cancer patients.
- Implemented an electronic medical record system in the cancer center using various software programs that improved wait times by 50 %.

EDUCATION

University Toronto - BS Medical Radiation Science 2011

AppAcademy - Highly selective web development program with a 3% acceptance rate. 2021