KRIS DOYON

FRONTEND DEVELOPER

CONTACT

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SKILLS

- › React
- › Javascript
- › Redux
- › Git
- › Jest
- › REST APIs
- › Sass
- › CSS
- › HTML

LEARNING

- › Typescript

EDUCATION

B.A. - University of Maine
Summa cum laude (GPA: 3.93)
Study Abroad: Barcelona, Spain
Minor: Business administration

Additional Coursework:
Physics/Astrophysics: 30 credits
Mathematics: 22 credits
GPA (52 credits): 4.0

PROJECTS

Harvest Seed Company `LIVE SITE` `GITHUB REPO`

An ecommerce website built with React, Redux and Firebase.

- › React to build functional components, custom hooks and implement lazy loading.
- › Redux to manage global state and dispatch HTTP actions using async thunks.
- › React router for client side routing, shared layouts and protected routes.
- › Form and input validation using custom reducers.
- › Unit & integration tests using Jest, React Testing Library and Mock Service Worker.
- › Styling and responsive design using SCSS modules.
- › JSON web tokens for authentication.
- › Axios library and async/await for HTTP requests.
- › Firebase Realtime Database used as a backend.

Peak Tracker `LIVE SITE` `GITHUB REPO`

A JavaScript app for hikers to track progress of mountain summit peakbagging lists.
* Currently converting to React and Typescript using Vite.

- › Structured using the model-view-controller architecture.
- › Styling using sass partials, the 7-1 pattern and BEM naming conventions.
- › Event delegation and event bubbling using event listeners.
- › Local storage API for state management and persistence.
- › Practice using ES6 classes, array methods, destructuring and default parameters.
- › Data encapsulation using native JS private class features.
- › Data curation using NodeJS script to write .csv files to JSON (from U.S. Geological Survey).

Book Club `LIVE SITE` `GITHUB REPO`

A website for my book club to track books read, ratings and statistics over time.

- › Built using React functional components.
- › React context and useReducer hook for client side state management.
- › RTK Query for data fetching, caching and server side state management.
- › Chart.js library for custom chart and graph components.
- › Practice filtering, sorting and conditional rendering of data based on user inputs.

WORK EXPERIENCE

Science Teacher 📍 Ellington, CT 📅 Aug 2019 - Jun 2022
Ellington High School

- › Independently proposed, developed and taught curriculum for an introductory astronomy course which is now a permanent course offering.
- › Organized and led a 7 day Southwestern US National Parks trip for 25 students with 2 other staff members.
- › Developed virtual physics lab experiences for students during online learning.