

Seth Martin Yates

Full Stack Software Developer

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Projects:

Brittany's Art

[Link](#) | [GitHub](#) | [Demo](#)

- Fully Responsive FrontEnd developed with React and used prebuilt React-Bootstrap Components.
- eCommerce site, built to sell client's art. Payment is through Stripe API.
- Context API and Reducer were implemented to have a fast and dynamic cart system.
- The Stripe Payment page is systematically built from POST request data.

Crypto Calculator

[Link](#) | [GitHub](#) | [Demo](#)

- Calculates your crypto trades, and allows users to save or delete trades later.
- Implemented the CoinMarketCap API to retrieve market data as JSON.
- RESTful API routes were put in place to receive GET and POST requests.
- Designed Mongoose Schema to connect to MongoDB to retrieve or store user trades efficiently.
- Auth0 is used to regulate users and keep track of user trades.

Login Page

[GitHub](#) | [Demo](#)

- Prebuilt login component easily able to be implemented with any React app.
- Context API used to store user auth tokens and target availability to the page.
- Firebase API is used to manage all authentication and storage of users.

Job Experience and Internship:

Yates's Lawn and Service Co, Rockport, Maine. March 2016 - Present

- Managed clients effectively and constructed a reputable local business. Hired and oversaw employees to maximize company capabilities. Learned the importance of proper communication to meet or exceed customer expectations. Time management techniques were applied to meet customer deadlines.

Buoy House Tutoring, Castine, Maine. November 2019 - March 2020

- Designated student tutor, for Calculus 1-2, physics 1-2, and general tutor for the science department. Held open house tutor sessions for the entire math and science division. This included all S.T.E.M. classes at Maine Maritime Academy.

Freshman Cruise Internship, Training Ship of Maine. May - August 2019

- Freshman Cadet Stood effective engine watches, responsible for recording engine tests, and reported any problems. Completed daily engine or electrical maintenance, to maintain the integrity of the ship.

Education:

University of Maine Orono Engineering (2020-2021):

Third-year Mechanical Engineering (3.21 GPA)

Maine Maritime Academy (2018-2020):

Two years as Marine Systems-Engineering (3.44GPA)

Relevant course experience:

- Differential Equations (UMaine)
- Engineering Statistics (UMaine)
- CS150 intro to computer science (MMA)
- Calculus 1-3 (MMA)

Notable Awards/Experiences:

- Regiment of Midshipmen
- Regimental Yeoman
- Three Semesters on the Dean's List (MMA and UMaine)
- ABS Award/Scholarship
- Dirigo Scholarship
- Worthington Scholarship

Skills:

- FrontEnd:** HTML, CSS, Javascript, AJAX, React, React-Bootstrap, Bootstrap.
- BackEnd:** node.js, Express, MongoDB, RESTful API calls, JSON, SQL.
- Other:** Git, Heroku, Netlify, Mongoose, Saas, Mocha, Redux, Firebase.