

SUMMARY

- 1-year experience in creating Responsive Web Applications utilizing HTML, CSS, Sass, jQuery and ES6 Javascript
- 3 months experience in creating React applications utilizing React, React Router and Redux
- Very comfortable working with RESTful APIs, JSON, Ajax, and the more recent Fetch API
- Experience in using a browser's dev tools or an IDE's debugger to fix errors in programming or markup

TECHNICAL SKILLS

- **Code:** HTML, CSS, Sass, ES6 Javascript, Bootstrap, jQuery, React, Redux
- **Tools:** Webpack, Babel, Yarn, NPM, Git, GitHub, Prepros, VS Code, Webstorm

RECENT PROJECTS

Pinterest-Inspired Store React App: nicholasengleman.com/store-app

- Single-page, responsive web application with Modal and 7 React components
- Created functionality for finding products via any combination of price filters, tag filters and search terms
- Created Favorite System functionality, allowing users to create list of favorite products and then edit this list
- Created Store Admin functionality, allowing admin to add new products and edit or remove existing products
- Added type checking with PropTypes to each component

Cryptocurrency React App: nicholasengleman.com/cryptofilter-app

- Multi-page, responsive web application with HTML, CSS and React with approx. 15 React components
- Used React Router 4 to control routing and developed functionality for passing prop and state data through React Router Link Component
- Used JSX and Conditional Rendering to control button actions, button UI and error messages for empty strings
- Converted all inputs into Controlled Components
- Created functionality via ES6 Javascript for filtering and sorting cryptocurrencies, returning only those where data is above x, below y or between x and y, and for combining several filters together to refine search
- Imported JSON data from coinmarketcap.com and chasing-coins.com APIs using Fetch API
- Imported TradingView.com chart via NPM package
- Imported event data from kryptocal.com API, developed ES6 functions to clean data and filter up to next 5 events
- Built JSON file holding crypto descriptions and links that is imported and dynamically accessed on each page

Scientific Calculator App: nicholasengleman.com/calculator-app

- Single-page, responsive web application with HTML, CSS, jQuery and ES6 Javascript
- Used the MVC Architecture to organize all functions into Model, View, and Control objects
- Developed functionality for computing equations with nested parentheses containing up to 17 mathematical operations
- Added event listeners for accepting keyboard input, dynamically adjusts font-size so that equations fit within 1 row

Weather App with Three Views: nicholasengleman.com/weather-app

- Single-page, responsive web application with HTML, CSS, jQuery and ES6 Javascript
- Used MVC Architecture to organize all functions into Model, View, and Control objects
- Created functionality for intelligently transforming 3-hour JSON forecast data into meaningful 6-hour forecasts
- Developed functionality for quickly loading and hiding intra-day forecasts on mouse hover of daily forecasts
- Utilized jQuery Ajax to import weather and location data using OpenWeatherMap API and Geolocation API
- Utilized Regex Pattern and Try-Catch statement to test for valid zip code

EDUCATION

B.A. in Political Science
Columbia University

May 2016
New York, NY

WORK EXPERIENCE

Aviation Logistics Specialist
United States Navy

Jul 2007 – Jul 2012
USS George Washington, Japan