

Web developer dedicated to building, maintaining, and expanding highly usable, responsive websites and applications. Transitioning from a Middle/High School teacher in English Language Arts for students identified as Gifted & Talented. Strong skills in building teams and working collaboratively to deliver on team goals. Proficient in communication on multiple levels to deliver complex content in digestible units.

PROJECTS

SMASH THE MOTHERBOARD [Link] | **JAVASCRIPT, REACT, FIREBASE, STRIPE, CSS**

Freelance commission (WIP): Patreon-like service allowing users to subscribe to and monetarily support local and global artists

- Implemented user authentication system for secure user registration and logins with Firebase
- Created scalable and extensible NoSQL user-database in Cloud Firestore to store user data
- Built user page template to allow users to upload profile and banner images for personal pages, displayed to other users via search
- Integrated a subscription payment system between users through the platform with Stripe to allow users to support the artists and projects of their choice

WEATHER OR NOT [Link] | **JAVASCRIPT, WEBPACK, HTML, CSS**

Weather application that serves local and global weather data, temperature, and upcoming forecasts

- Created features to gather weather and location data through asynchronous calls to OpenWeather API to show user local weather data, including temperature, humidity, wind, etc for quick access to the current conditions, hourly forecasts, and weekly forecasts
- Implemented a search function that allows user to look up cities world-wide; implemented logic that handles homonymous cities according to user keyword input
- Designed and built to be responsive for different screens and browsers with modern CSS3

STRING THEORY [Link] | **JAVASCRIPT, REACT, REACTROUTER, JEST, CSS**

Mock eCommerce site with live-updating modal shopping cart

- Built a modal shopping cart that live updates items added and total purchase cost
- Created a live-updated shopping cart that allows users to add, delete, and edit selections while seeing live-updating total price

EXPERIENCE

RECURSE CENTER | **PARTICIPANT**

Jun 2022 – Sep 2022 | Brooklyn, NY

- Participated in an intensive, self-directed competitive retreat for computer programmers. Engaged in a virtual space to speak to, work and collaborate with other computer programmers. Studied data structures, abstract data types, and algorithms in a systematic fashion. Collaborated in paired programming sessions working on real-world problems, e.g. finding and solving another programmer's bug interrupting their scrolling marquee, and succinctly refactoring another programmer's code for a transpiler for readability. Gave presentations on subject-relevant topics, e.g. defining JavaScript and its Run-time Environment.

MIDDLE SCHOOL OF THE KENNEBUNKS | **GIFTED & TALENTED LANGUAGE ARTS TEACHER, GRADES 6-8**

Aug 2021 – Feb 2022 | Kennebunk, ME

- Taught students identified as Gifted & Talented in Language Arts. Planned, created, and implemented curricula and lessons for high-achieving students. Instructed in high-concept topics at an accelerated pace using research-based pedagogical practices.

SPRINGFIELD HIGH SCHOOL OF SCIENCE AND TECHNOLOGY | **LANGUAGE ARTS TEACHER, GRADE 9**

Aug 2018 – Jun 2021 | Springfield, MA

- Designed curricula and implemented student-centered plans in the workshop model according to Common Core standards, current research, and best practices. Worked in a cooperative setting of 9th grade LA teachers, contributing as both leader and participant in goal setting, time-tabling, and lesson-planning.

EDUCATION

UMASS AMHERST | **M.ED IN ENGLISH LANGUAGE ARTS**

May 2018 | Amherst, MA

UMASS AMHERST | **BA IN ENGLISH | CLASSICAL CIVILIZATIONS & LANGUAGES**

May 2012 | Amherst, MA

PROGRAMMING SKILLS

LANGUAGES & FRAMEWORKS: JavaScript • HTML • CSS • React • Node • Express

TOOLS: Git • Webpack • npm • Jest • Firebase • MongoDB