

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

CARD COLLECTOR [Link] | MONGODB, EXPRESSJS, JAVASCRIPT, NODEJS

Full-stack inventory app to search for, add, collect, and display trading card collection

- Created Express server to connect with MongoDB backend with schema and models for server-side data.
- Built authentication system with PassportJS including sessions and session storage.
- Connected app to Pokémon TCG API for dynamic data that keeps track of card information, including up-to-date market value.
- Created a search and filter system for viewing targeted inventory, sorted as preferred.

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

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

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 • Mongoose