

Technical Skills

JavaScript • React • React Native • Redux • Vue • Node • Express • jQuery • Python • Django • MongoDB • PostgreSQL • Sequelize • CSS3 • Sass • Less • HTML5 • Materialize • Bootstrap • Mocha • Chai • Git • GitHub

Education

General Assembly

Seattle, WA - May 2018 - Aug 2018

Focus: Web Development

Coursework: Four large projects developed and presented in an Agile environment. Extensive study of JavaScript, frontend and backend languages and frameworks, RESTful APIs and CRUD operations, data structures and algorithms, Big O Notation, and an introduction to cloud computing.

Ohio State University

Columbus, OH - Sept 2007 - June 2009

Major: English with Pre-Ed specialization, B.A.

Minor: Music

GPA: 3.6 (*Cum Laude*)

Coursework: Focus on literature analysis and critique, creative writing and linguistics, with supplemental concentration on fundamentals of teaching and education.

Projects

Lo Wolf Music - Vue • Node • Express • Sass • PostgreSQL • Sequelize • Stripe API

- Developed a full stack eCommerce website for songwriter Lo Wolf, with a RESTful backend which allows followers to RSVP to shows, preview and purchase music and subscribe to an email list.
- Utilized bcrypt and JSON web token authentication to secure an admin page for the artist to view transactions, add shows and track new subscribers.

Bookkeeper - React Native • Redux • Node • Express • PostgreSQL • Sequelize • Google Books API

- Designed and created a social networking application for finding or creating online book clubs, organizing notes and discovering what other users are currently reading.
- Developed a RESTful backend and relational database, using Many to Many and One to Many relationships for efficient storage and querying of user and club data.

Goodmarket - Python • Django • JavaScript • CSS3 • PostgreSQL • Stripe API

- Developed a full stack eCommerce application which allows users donate a portion of each sale to an organization of their choosing.
- Integrated with Stripe's connect API to distribute funds to multiple vendors through a single purchase, with appropriate percentages removed and stored in a Charity model.
- Created a marketplace where sellers can list, tag and describe their items, and where buyers can filter their search by clicking category filters or entering a search term.

Mosaic - React • Node • Express • MongoDB • CSS3 • MaterialUI • Spotify API • Cloudinary API

- Created a MERN stack application which allows users to create Spotify playlists based on the mood of uploaded photographs.
- Wrote a complex algorithm which converts HSL colors to mood attributes for interpretation by the Spotify API.
- Utilized OAuth to allow users to open playlists in Spotify for immediate listening.

Star Stacker - JavaScript, jQuery, CSS3, CSS Canvas, HTML5

- Used advanced JavaScript and Object Oriented Programming to create a Tetris-like game with CSS canvas.
- Players match colored pieces vertically, horizontally and diagonally as they drop down the screen at increasing speeds.

Work Experience

Vortex Doughnuts - Asheville, NC

Barista, Jul 2015 - Dec 2016

- Met with farmers in Brazil to advise on new coffees and maintain direct trade relationships.
- Managed and created content for social media accounts, overseeing the increase of followers from 12,000 to nearly 20,000.
- Organized weekly community cuppings, created specialty drinks and trained employees from other shops in town.
- Sourced, prepared and served specialty coffee from sustainable, direct trade farms all over the world to Asheville residents.

Denver Public Schools - Denver, CO

Guest Teacher, Feb 2011 - Jun 2012

- Filled in for absent K-12 teachers in more than 20 of Denver's inner city schools.
- Developed lesson plans for a variety of classroom types including Montessori, special needs, remedial, and Spanish speaking.

Americorps NCCC - Denver, CO

Corps Member, Sept 2009 - Aug 2010

- Coordinated and led large, rotating groups of volunteers building houses for Habitat for Humanity in New Orleans.
- Cleared flooded homes and provided emergency resource information for natural disaster victims.
- Built and maintained over 15 miles of trails in national and state parks.
- Led classrooms and developed after school programs in an understaffed inner city elementary school.