

Madison Bertis

Software engineer with strong analytical skills and a passion for problem-solving. Background includes training peers and coworkers on best practices, extensive customer service, and managing implementation of a retail website. Interested in working on a collaborative team focused on the creation of dynamic applications.

Projects

Angular Application / CareerFoundry

April 2021 - May 2021

- Built a robust and responsive client-side component of my “movies” application based on its existing server-side code using Angular and Angular Material.
- Documentation generated with TypeDoc; generated technical documentation for the API using JSDoc.

Chat App / CareerFoundry

March 2021 - April 2021

- Built a chat app for mobile devices using React Native that allows users to message one another and share information such as images and location.
- Responsive and aesthetic UI created through implementation of GiftedChat.
- Utilized Firebase database for storing messages online and to allow users to access messages while offline.
- Created and ran application using Expo CLI and tested with Android emulators/iOS simulators.

Meet App / CareerFoundry

February 2021 - March 2021

- Built a serverless progressive web application with React using a test-driven development (TDD) technique.
- Utilized Google Calendar API to fetch upcoming events.
- Implemented options for visualizing and filtering data based on location.
- Developed user stories for each feature of the app.

React Application / CareerFoundry

December 2020 - February 2021

- Used React to create the client-side component of my “movies” web application.
- Utilized state routing to navigate between views in this single-page application.
- Used Parcel as initial build tool.
- Written in React Redux and utilized Bootstrap to create an optimized UI.

myFlix API / CareerFoundry

November 2020 - December 2020

- Created the server-side component of a “movies” web application.
- Utilized RESTful architecture.
- Implemented Node.js, Express, and Axios requests.
- Created documentation for all URL endpoints.
- Database built using MongoDB and tested in Postman.
- Deployed on Heroku.

Pokedex App / CareerFoundry

October 2020 - November 2020

- Created a small web application using HTML, CSS, and JavaScript.
- Data is loaded from an external API.
- Allowed users to view a list of all Pokemon, filter Pokemon by name, and learn more about each Pokemon by selecting an individual listing.

Portfolio Website / CareerFoundry

October 2020 - October 2020

- Created a website entirely from scratch using HTML, CSS, and JavaScript basics.
- Implemented Bootstrap to make site responsive and thematically consistent

Work Experience

Two Barrels, LLC - September 2021 - Present - Spokane, WA

Junior Automation Engineer

- Develop automated scripts centered around test automation for form submissions and data input.
- Create and maintain documentation for technical and administrative functions related to automated scripting.
- Gather feedback from users to improve usage and accuracy.

Spokane Symphony - June 2021 - August 2021 - Spokane, WA

Remote Consultant

- Managed the event listing and ticket purchasing path for all Spokane Symphony and Martin Woldson Theater at The Fox events.
- Provide guidance and assistance on an as-needed basis to all Box Office staff.

Spokane Symphony - May 2019 - June 2021 - Spokane, WA

Assistant Box Office Manager

- Managed the ticketing website for the Spokane Symphony and Martin Woldson Theater at The Fox, which holds 75+ events per year.
- Planned and conducted 3+ trainings per year for eight staff members on Tessitura ticketing system.
- Built all events in Tessitura according to specifications given by Symphony or outside tour agencies.
- Lead back-end maintenance of Tessitura to ensure ticketing system operated as expected.

Spokane Symphony - September 2018 - May 2019 - Spokane, WA

Box Office Associate

- Worked on a hand-selected team of four to implement Tessitura ticketing system in the box office.
- Assisted customers over-the-phone and in-person.
- Managed subscription services for over 500 households.

Contact

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📍 Spokane, WA

🌐 <https://www.madisonbertis.com/>

🌐 <https://github.com/mbertis>

Skills

HTML, CSS, SASS, JavaScript
MongoDB
SQL and PostgreSQL
TypeScript
Angular
React, Redux, React Native
jQuery
Node.js
Bootstrap
MERN Stack
Express
Node Package Manager (NPM)
API Configuration using RESTful Architecture
Testing in Postman
Deployment to Netlify and Heroku
GitHub/Git Version Control
Web Ethics and Data Security
Test-Driven Development (TDD)
Progressive Web Applications (PWA)

Education

CareerFoundry

October 2020 - May 2021

Full-Stack Immersion Certificate

CareerFoundry

October 2020 - October 2020

Intro to Frontend Development Certificate

University of Puget Sound

August 2013 - May 2017

Bachelor of Science in Chemistry