

CLAIRE SPARROW-CLARKE

WEB DEVELOPER

CONTACT

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 www.claireparrow.me
 Hamilton, ON (remote, hybrid)

SKILLS

React
React Native
Angular
Cloud Computing with AWS
MongoDB
PostgreSQL
Expo
Android Studio
Google Firestore/Firebase
jQuery
Bootstrap & React Bootstrap
Research
Angular Material
Qwik
Wordpress
Design with Figma

EDUCATION

Full-Stack Web Development

CareerFoundry

2024

Full stack web development certification with a specialization in cloud computing.

Front-End Development

SheCodes

2023

Front-end development certification from an organization focused on women in tech.

Tafelmusik Baroque Summer Institute

Tafelmusik

2022

Learned historical (Baroque) performance practice from industry-leading experts.

Bachelor of Music

University of Victoria

2022

Major in Musicology and Sound Studies, minor in Anthropology.

SUMMARY

Web developer with a background in musicology, anthropology, and violin performance. Educated in full-stack web development, with a strong foundation in research, and collaboration on large projects.

PROJECTS

Women Composers API

CareerFoundry

2023

<https://github.com/sparrow2100/API-project>

- API containing information about different women composers of Western Classical music, ranging from the medieval to post-modern eras.
- Built using MongoDB, MongoDB Atlas, CORS, and npm modules
- Tested with Postman, and hosted on Render.

Women Composers App

CareerFoundry

2023

<https://github.com/sparrow2100/newcomposers-Angular-client>

<https://github.com/sparrow2100/composers-app-client>

- Angular and React versions of an app using the Women Composers API to display information about various composers.
- Users can create an account and log in, and add or remove favourite composers from their user profile.

React Native Chat App

CareerFoundry

2024

<https://github.com/sparrow2100/chat-app>

- Theme-customizable messaging app built using React Native for iOS and Android devices.
- Provides users with a chat interface where they can exchange messages, share images, send their location, and access existing messages offline.
- Uses Google Firestore/Firebase to store messages and images, and Google Firebase authentication.
- Built using Expo, Android Studio, and the Gifted Chat Library.

WORK EXPERIENCE

Digitization Specialist

Welland Historical Museum

2023-2024

- Researched, designed, wrote, and developed a virtual exhibit using Wordpress and Figma.
- Planned and developed the exhibit based on requirements and timeline outlined in the government grant.
- Finished the exhibit a month before the deadline, allowing the museum to use the extra time for the French translation.
- Incorporated additional accessibility features.
- Reached out to various community organizations to collaborate on sections of the exhibit.
- Digitized artifacts using the museum archive software, PastPerfect.
- Created video instructions for museum staff, demonstrating how to add additional content to the exhibit in the future.

Web Development Intern

Miyar

2023

- Researched topics related to website testing and wrote blog posts for Miyar.
- Incorporated keywords into the website content to improve search engine ranking.
- Assisted in creating and maintaining the website using Qwik, Tailwind CSS and TypeScript.
- Successfully connected and collaborated with a team working remotely in a different time zone.

Violin Instructor

Self-Employed

2022-2024

- Incorporated technique, musicality, music history and theory into engaging, age- and-skill-level appropriate lessons for students.
- Managed the lesson schedule and dealt with cancellations, rescheduled lessons and make-up lessons.
- Delivered critique in a positive way that fostered musical growth and excitement for learning.
- Taught both in-person and remotely over zoom, to accommodate the preference of the student.
- Guided students through the creative problem solving process using the technical tools available to them.