

ROSEAK LIN

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EXPERIENCE

Web Developer and Designer, Sinai Foundation Canada May 2022 - July 2022

- Led, scoped and planned multiple projects to improve website UI and accessibility using [ReactJS](#)
- Redesigned entire website by adding a new theme and making the whole site web responsive using [Bootstrap](#) and [SCSS](#)
- Refactored codebase by adding modular sub-components and replacing inline text content with function to parse content from JSON files.
- Created a mail subscription service using the [MailChimp API](#) and [NodeMailer](#) to allow users to subscribe to receive email updates about the organization.
- Improved [SEO](#) for website with [React Snap](#) by improving what metadata is visible to web crawlers

Coding Tutor, Western Polaris Tutoring Sept 2019 - Dec 2021

- Helped [create](#) content and [teach](#) curriculum on basic and advanced programming topics such as data types, object oriented programming, sorting algorithms, and basic data structures using [Java](#)

PROJECTS AND AWARDS

SpotiShare

- Created a music listening party web app with [real-time syncing](#) and [live text chat](#) using [ReactJS](#) and [NodeJS](#)
- Designed and developed multiple pages that included [responsive web design](#)
- Integrated app with Spotify using the [Spotify Web Playback SDK](#) and [Spotify Web API](#).

Data Structure and Algorithm Visualizer

- Created an algorithm visualizer to show how a list of search algorithms (ex.BFS and Dijkstra's algorithm) behave and how data structures (such as stacks, lists, and queues) manage data.
- Implemented using [ReactJS](#), [CSS](#), [JavaScript](#), [jQuery](#), [Anime.js](#)

Country Catalogue Program (90% grade)

- Implemented CRUD program to store information on countries in text files using [Python](#) and [object oriented programming](#)

Canadian Computing Competition, Certificate of Distinction 2020, 2021
[Java](#), [C++](#)

- Scored in the [top 25%](#) of all participants in the national competitive coding competition.

SKILLS

Programming: Java, C++, Python, HTML, CSS/SCSS, JavaScript, ReactJS, JQuery, Node.js, ExpressJS

Infrastructure/Tools: Git/GitHub, Android Studio

Courses taken: Data Structures and Algorithms, Computer Science Proofs, Intro to Computer Science, Intro to Operating Systems

EDUCATION

Western University, BSc in Computer Science Sept 2021 - Apr 2025

G.P.A. 3.7/4.0

Awards: Dean's Honor List (2021)