ROSEAK LIN

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SKILLS

Programming: Java, C++, Python, HTML, CSS, SCSS, JavaScript, ReactJS, JQuery, Node.js, ExpressJS
Infrastructure/Tools: Git/GitHub, Android Studio
Courses taken: Computer Science Fundamentals

EXPERIENCE

Web Developer and Designer, Sinai Foundation Canada   May 2022 - Aug 2022
ReactJS, SCSS, Bootstrap, JavaScript, Node.js, ExpressJS
- Worked as lead developer to plan, design, propose, and implement changes for the website
- Created new website components and updated old components using primarily JavaScript and SCSS.
- Created a mail subscription service using the MailChimp API and NodeMailer to allow users to subscribe to receive email updates about the organization.

Coding Tutor, Western Polaris Tutoring   Sept 2019 - Dec 2021
- Led class of elementary school students through basic concepts coding concepts using **Java**
- Was primary content creator for curriculum and gave lessons on basic and advanced programming topics such as data types, object oriented programming, sorting algorithms, and basic data structures.

PROJECTS AND AWARDS

SpotiShare
ReactJS, SCSS, JavaScript, JQuery, Node.js
- Led front end implementation in a music listening party web app with real-time syncing and live chat
- 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
ReactJS, CSS, JavaScript, JQuery, Anime.js
- Implemented an algorithm visualizer, using ReactJS, for basic search algorithms such as Dijkstra's algorithm as well as demonstrations for data structures such as queues and stacks.

Country Catalogue Program
Python
- Implemented program created in Python which uses classes and inheritance to allow a user to read and write information into a text file.
- This program was written for the UWO CS1026 course and received a 90% grade.

Canadian Computing Competition, Certificate of Distinction   2020, 2021
Java, C++
- Scored in the top 25% of all participants in the national competitive coding competition.

EDUCATION

Western University, BSc in Computer Science   Sept 2021 - Apr 2025
G.P.A. 3.7/4.0
Awards: Dean's Honor List (2021)