Roseak Lin

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Skills

Programming Java, C++, Python, HTML, CSS/SCSS, JavaScript, ReactJS, JQuery, Node.js, ExpressJS
Infrastructure Git/GitHub, Unix
Other Tools Jira, Confluence, BitBucket, Wireframing (Figma, Balsamiq)

Work Experience

Sinai Foundation Canada
Web Designer and Developer

Remote
May 2022 - Jul 2022

- Led, scoped, and planned multiple projects to improve the website's UI and accessibility using ReactJS.
- Redesigned the entire website by adding a new theme and making the whole site web responsive using Bootstrap and SCSS.
- Refactored the codebase by adding modular sub-components and replacing inline text content with a 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 the website with React Snap by improving what metadata was visible to webcrawlers.

Western Polaris School
Coding Tutor

London, Ontario
Sep 2019 - Dec 2021

- Helped create content and teach a 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
Personal Project

- 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 Structures and Algorithms Visualizer
Personal Project

- 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, and Anime.js

Angry Rhyme Town
Hack the North

- Used Figma wireframing to design the project's UI in 2 hours
- Developed the front end using React and managed the back end with Socket.io in under 36 hours with a group of 4 for the 2021 Hack the North hackathon
- Separated landing, lobby, and game pages using React Router and used Bootstrap to create pages with uniform formats.

Education

Western University
Bachelor's of Science, Major in Computer Science

London, On, Canada
Sept 2021 - May 2025

- Dean's Honour List (2021)
- **Courses:** Data Structures and Algorithms, Computer Science Proofs, Intro to Computer Science, Intro to Operating Systems, Intro to Software Engineering, Discrete Structures for Computing