Roseak Lin

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SKILLS

LANGUAGES AND FRAMEWORKS

Java, C++, Python, HTML, SQL, CSS/SCSS, Bootstrap, JavaScript, TypeScript, ReactJS, VueJS, JQuery, Node.js, ExpressJS

OTHER TOOLS

Git/Github, Uix, Jira, Confluence, BitBucket, Wireframing (Figma, Balsamiq)

EDUCATION

WESTERN UNIVERSITY

BSc, Specialization in Computer Science
September 2021 - May 2025

COURSEWORK

Intro to Computer Science
Data Structures and Algorithms
Discrete Math
Computer Science Proofs
Operating Systems
Intro to Software Engineering
Discrete Structures for Computing

AWARDS

Dean's Honour List (2021, 2022)

EXPERIENCE

SOFTWARE ENGINEERING INTERN | Sinai Foundation Canada
May 2022 - July 2022

- Led, strategized, and executed projects aimed at enhancing the user interface (UI) and accessibility of the website utilizing ReactJS and SCSS
- Revamped the site with a fresh theme, implementing a responsive design on over 20 components using Bootstrap and SCSS
- Refactored the codebase by implementing modular sub-components and integrating a content parsing function, transitioning from inline text to JSON files and generating more than 10 new JSON files for streamlined data organization
- Implemented a mail subscription service using the MailChimp API, enabling user email updates about the organization
- Improved and optimized SEO for the website with React Snap by improving what metadata was visible to webcrawlers, focusing on improving visibility to Facebook webcrawlers, where the company is most active on that platform

PROGRAMMING TUTOR | Western Polaris School
September 2019 – December 2021

- Assisted in developing an educational curriculum on programming fundamentals and advanced concepts, using Java as the primary language for teaching and implementation
- Constructed engaging content to teach diverse programming topics such as data types, object-oriented programming, sorting algorithms, and basic data structures

PROJECTS AND AWARDS

SPOTISHARE | Personal Project

- Created a music listening party web app with real-time syncing and live text chat using ReactJS and a NodeJS/ExpressJS server
- Levereged CSS media queries and Bootstrap dynamic grid layouts to create a responsive web application, compatible on desktop and mobile devices
- Integrated app with Spotify using the Spotify Web Playback SDK and Spotify Web API with JavaScript

SKETCHY STUDIOS | Hackathon Project

- Spearheaded front end development using React and assisted back end development using Express JS and Socket.io, completing the project 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

CANADIAN COMPUTING COMPETITION, CERTIFICATE OF DISTINCTION | Competition Award

- Scored in the top 25% in a national coding competition focused on data structures and algorithms, receiving award for junior (2020) and senior (2021) competition
- Demonstrated proficiency in C++ and Java programming languages during the competition