

Roseak Lin

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TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML, CSS/SCSS, SQL, JavaScript/TypeScript

Frameworks: React, Node, Bootstrap, Express, Socket.io

Developer Tools: Git/GitHub, Figma, Balsamiq, MongoDB, Jira, Confluence

EXPERIENCE

Web Developer and Designer Intern

May 2022 – July 2022

Sinai Foundation Canada

Remote

- 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
- Designed and launched a mail subscription service using the MailChimp API to keep users updated on organizational news
- Improved and optimized SEO using React Snap by refining metadata visibility for web crawlers, with a special emphasis on optimizing for Facebook crawlers, given the company's significant activity on the platform

Programming Tutor

September 2019 – December 2021

Western Polaris School

London, ON

- Led the design of a comprehensive educational curriculum, emphasizing a progressive journey from foundational to advanced programming concepts, using Java as the primary language
- Orchestrated engaging classroom sessions, employing a mix of lectures, hands-on exercises, and real-world examples to elucidate diverse programming topics, including object-oriented programming, sorting algorithms, and data structures

PROJECTS AND AWARDS

Spotishare | *JavaScript, React, Node, ExpressJS, SCSS, Bootstrap, Git*

- Created a music listening party web app with real-time syncing and live text chat using ReactJS and a NodeJS/ExpressJS server
- Leveraged 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 | *React, SCSS, Node, Socket.io, Bootstrap, Figma*

- Spearheaded front end design and 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
- Developed and partitioned landing, lobby, and game pages using React Router, while leveraging Bootstrap to ensure uniform page formats

Canadian Computing Competition, Certificate of Distinction | *Java, C++*

2020, 2021

- 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

EDUCATION

Western University

September 2021 – May 2025 (expected)

BSc, Specialization in Computer Science

Dean's Honour List (2021, 2022)

Relevant Courses: Intro to Computer Science, Data Structures and Algorithms, Discrete Math, Computer Science Proofs, Operating Systems, Intro to Software Engineering, Discrete Structures for Computing, Databases