

Roseak Lin

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TECHNICAL SKILLS

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

Frameworks and Libraries: React, Node, Bootstrap, Express, Socket.io, Java Spring/Springboot, MyBatis

Developer Tools: Git/GitHub, GitLab CICD, Jira, Confluence, Kubernetes, Jenkins, SonarQube, Postman, Figma

EXPERIENCE

Software Developer Intern

May 2024 – August 2025

J.D Power

London, ON

- Resolved over **100 unique CVEs** across more than 30 services, libraries, and ETLs, resulting in an over **90% drop in vulnerabilities** in projects the team managed
- Engineered a custom Java test suite for an internal code generation tool used in **20+ projects**, and **integrated it with GitLab CI/CD** to streamline testing and accelerate deployments
- Maintained and enhanced backend **microservices and shared utility libraries** using **Spring Boot, Swagger OpenAPI, and MyBatis**, supporting production traffic and internal tooling
- Researched and refactored Java code in **Spring Boot services** and libraries to support functional and library changes from Cassandra 3 to 4; **authored migration documentation** adopted team-wide, enabling up to a **2x throughput increase** during the production rollout
- Leveraged **Jenkins and Rancher for Kubernetes** management to deploy services, debug issues, and monitor resource usage and performance

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
- 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

PROJECTS AND AWARDS

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

- Built a **Spotify-synched music party app** supporting **real-time chat** and **playback syncing for 10+ users**, reducing latency via socket-based architecture
- Designed and implemented responsive layouts with **CSS media queries and Bootstrap**, improving **usability and accessibility** across mobile and desktop platforms.
- Integrated app with Spotify using the **Spotify Web Playback SDK** and **Spotify Web API with JavaScript**

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

- 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 - April 2026

BSc, Specialization in Computer Science

Dean's Honour List (2022, 2023, 2024)

Cumulative GPA: 3.7/4.0