

# Roseak Lin

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## TECHNICAL SKILLS

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

**Frameworks, Libraries, and Technologies:** React, NextJS, Node, Bootstrap, Express, Socket.io, Java Spring, MyBatis, S3, Mongo, Cassandra, MySQL

**Developer Tools:** Git, GitHub, GitLab CICD, Jira, Confluence, Kubernetes, Jenkins, SonarQube, Docker, Postman, Figma, Maven, Cloudflare

## 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
- Contributed to a team-led R&D project focused on **integrating AI-driven tooling** into developer workflows, developing **IntelliJ Gradle plugins**, experimenting with **Ollama models**, and delivering findings to support a potential company-wide rollout
- Researched and refactored Java code in **Spring Boot microservices** 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 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**
- 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, Socket.io, 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: 3.8/4.0