

Leia Ooi

SOFTWARE ENGINEER

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📍 Vancouver, BC, Canada

SUMMARY

Passionate Software Engineer who loves building creative solutions that improve user experience and make things work smoothly. I work well with others and take pride in delivering high-quality websites, even in fast-paced environments. Dedicated to continuous learning and professional growth, with a passion for leveraging technology to solve complex problems and drive project success.

SKILLS

Front-end

• HTML • CSS • Tailwind • React.js
• Javascript • Typescript

Back-end

• Node.js • Express • MySQL

Development & Tools

• GitHub • Git • Heroku • Jira
• AWS RDS

EDUCATION

CS50 Intro to Computer Science

[Coursera](#)

📅 05/2024 - Present

Python for Everybody

[University of Michigan \(Coursera\)](#)

📅 08/2024 - Present

Diploma in Software Engineering

[BrainStation](#)

📅 02/2024 - 05/2024

Diploma in Music Performance

[Douglas College](#)

📅 09/2020 - 08-2022

PROJECTS

SnowCast

📅 08/2024 📍 Vancouver, Canada

Responsive web application that provides real-time weather data for ski enthusiasts by displaying weather conditions at specific mountains.

[Website](#) / [Client](#) / [Server](#)

- **Designed Responsive Web Application:** Developed responsive user interface, ensuring optimal viewing experience and usability across a wide range of devices and screen sizes.
- **Component-Based UI Architecture:** Utilized component-based approach in to build reusable UI components, enhancing maintainability and scalability of the application.
- **CORS Implementation:** Configured CORS to enable secure communication between the client and server.
- **API Integration:** Integrated with the OpenWeatherMap API to fetch real-time weather data based on coordinates stored in the database.
- **Database Querying with Knex:** Used Knex.js as a SQL query builder to interact with the MySQL database, performing operations like querying and data retrieval.
- **Cloud Deployment:** Successfully deployed the client-side to GitHub Pages, the server-side to Heroku, and the database to AWS RDS, ensuring a reliable and scalable architecture for the SnowCast application

VOLUNTEERING

Event Committee

VanJS

📅 09/2024 - Present

- Assisted with event logistics, including venue setup and technical equipment coordination.
- Managed the ordering and distribution of snacks and refreshments for special events.
- Supported event organizers with on-site needs, ensuring smooth event execution.

Tech Event Volunteer

AWS Community Day

📅 09/2024

- Assisted with event logistics, including setup and breakdown of equipment and materials.
- Coordinated attendee registration and managed the flow of participants during the event.
- Supported speakers and organizers with on-site needs, troubleshooting any technical or logistical issues.
- Helped create a smooth and organized environment for a successful tech event experience.

EXPERIENCE

Music Teacher

New West Music

📅 05/2021 - 02/2024

- Designed and implemented lesson plans tailored to individual student needs, ensuring engaging and effective learning experiences.
- Analyzed students' progress and adapted teaching methods to enhance their musical abilities and performance skills.
- Developed strong communication and collaboration skills by working closely with students, parents, and colleagues to foster a supportive learning environment.