

# Nathan Wu

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## Education

### University of British Columbia

Bachelor of Science in Computer Science GPA: 3.75

Expected April 2028

Vancouver, BC

- **Relevant Coursework:** Software Engineering (In Progress), Relational Databases (In Progress), Data Structures & Algorithms, Computer Systems, Software Construction

## Projects

### Vancouver Events Hub Web App | *React, JavaScript, CSS, Ticketmaster API, Axios*

- Built a React web application to help users discover Vancouver local events by integrating real-time data from the Ticketmaster API.
- Implemented search and filtering (event name, date range, price, category) to improve usability and accessibility.
- Designed responsive event cards with CSS Grid, ensuring usability across desktop and mobile devices.
- Deployed securely on Netlify with environment variable protection, making the app publicly accessible.

### Personal Portfolio Website | *React, JavaScript, Tailwind CSS*

- Designed and developed a responsive portfolio website using React and Tailwind CSS to showcase projects, skills, and experience with an intuitive, organized layout.
- Implemented smooth scrolling navigation and optimized layout for cross-device compatibility and accessibility.
- Built modular React components (navigation bar, project cards, notification pop-up) to support easy maintenance and future expansion of the site.

### Win/Loss Record Tracker | *Java, Swing, JSON, JUnit*

- Developed a desktop application with a Swing GUI to track and visualize user outcomes for decision-making.
- Implemented JSON-based file storage to persist records, enabling detailed performance history across sessions.
- Added summary statistics and win/loss reporting features to encourage informed and responsible usage.
- Created automated unit tests with JUnit to validate core functionality and ensure long-term reliability.

## Experience

### Enactus UBC

Oct. 2025 – Current

Vancouver, BC

Front-End Developer

- Engineered a React + Vite e-commerce site for a non-profit, selling upcycled wood coasters, with product pages, impact metrics, and a purchase flow.
- Collaborating within a 6-member developer team, staying organized through Git collaborations to manage a shared codebase.

### Wun2Free Entertainment

Apr. 2024 – Current

Richmond, BC

Games Attendant

- Delivered customer service to hundreds of guests per night, maintaining a welcoming atmosphere in a high-traffic entertainment environment.
- Resolved customer inquiries and issues, ensuring fair play while maintaining safety and cleanliness standards.

### BROWNS SOCIALHOUSE

Sept. 2022 – Sept. 2023

Richmond, BC

Line Cook

- Coordinated with an 8+ member kitchen team to sustain efficient workflows under high-volume service conditions.
- Trained and mentored 5+ new employees, reducing onboarding time and improving overall kitchen performance.

## Technical Skills

**Programming Languages:** Java, C, C++, TypeScript, JavaScript, SQL, R, HTML

**Frameworks & Libraries:** React, Tailwind CSS, Axios, Node.js, JUnit, Swing

**Tools & Platforms:** Git/GitHub, Vercel, Netlify, Oracle/MySQL