

Nathan Wu

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Education

University of British Columbia

Expected April 2028

Bachelor of Science in Computer Science GPA: 3.75

Vancouver, BC

- **Relevant Coursework:** Software Construction (OOP, Abstraction, Testing), Computer Systems (Memory, Machine-level Programming), Data Structures & Algorithms (Sorting, Complexity Analysis)

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*

- Created a personal website to serve as a central hub showcasing projects, résumé, and contact links, streamlining access for recruiters and collaborators.
- Applied Tailwind CSS to design and implement a modern theme with animated gradients and consistent visuals.
- Built modular React components (navigation, project cards, contact form) 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

Wun2Free Entertainment

Apr. 2024 – Current

Games Attendant

Richmond, BC

- 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.
- Supported team operations by collaborating with coworkers and adjusting to dynamic crowd conditions.

BROWNS SOCIALHOUSE

Sept. 2022 – Sept. 2023

Line Cook

Richmond, BC

- Coordinated with an 8+ member kitchen team to sustain efficient workflows under high-volume service conditions.
- Thrived under pressure by preparing high-quality dishes during peak hours with consistent attention to detail.
- Trained and mentored 5+ new employees, reducing onboarding time and improving overall kitchen performance.

Technical Skills

Programming Languages: Java, JavaScript, C, C++, R, HTML/CSS

Frameworks & Libraries: React, Axios, Swing, JUnit

Tools & Platforms: Git/GitHub, Node.js, Netlify