

William Ong

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EDUCATION

University of Washington

Bachelor of Science in Computer Science

- Expected Graduation: Dec. 2025
- GPA: 3.8/4.0
- Relevant Coursework: Software Design, Data Structures & Parallelism, Data Management, Systems Programming

Seattle, WA

Sept. 2023 – Present

Clark College

Associate in Science Transfer in Computer Science

- GPA: 3.92/4.0
- Relevant Coursework: Object-Oriented Programming, Programming Tools, Theory of Computation

Vancouver, WA

Sept. 2021 – Aug. 2023

EXPERIENCE

Full Stack Developer & Team Lead

Husky Coding Project - rhythmix

- Implemented a recommendation playlist for 10 genres that refreshes every 24 hours using MongoDB, Spotify API, Netlify's serverless functions, and cron jobs
- Designed and implemented a responsive user interface with Figma designs and CSS media queries to enhance design consistency and user experience
- Led a team of 6 members, overseeing project development from conception to delivery, ensuring adherence to deadlines and product specifications
- Improved team workflows and productivity through effective task delegation and facilitation of regular meetings

Jan. 2024 – Sept. 2024

Seattle, WA

PROJECTS

Insight Archives | *TypeScript, React, Tailwind, MongoDB, Gemini API* | [Live](#) | [Repo](#)

- Developed a web application that provides daily updated quotes via Gemini API to inspire users and promote personal reflection
- Automated quote updates with Netlify's serverless functions and cron jobs to ensure consistent and insightful content
- Implemented a subscription feature with MongoDB and SendGrid API to send daily quotes directly to inboxes
- Incorporated a calendar-based archive system to allow users to effortlessly browse and access past quotes

Sept. 2024 – Present

rhythmix | *JavaScript, React, HTML/CSS, MongoDB, Spotify API* | [Live](#) | [Repo](#)

- Developed a web application that enhances a user's Spotify listening experience by providing fresh and enjoyable music recommendations using Spotify API
- Implemented a custom playlist feature allowing users to choose from 126 genres and modify 14 attributes to craft personalized playlists
- Integrated song search functionality with React Bootstrap and Spotify API for users to find songs, add them to a pool, and generate tailored recommendations

Jan. 2024 – Sept. 2024

TECHNICAL SKILLS

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

Frameworks: React, Tailwind, Node.js, Next.js

Developer Tools: Git, VS Code, Netlify, Cronjobs, Figma

Libraries: NextUI, React Bootstrap