

Jason Zhao

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Education

Langara College

Bachelor of Science in Computer Science

Expected July 2026

Vancouver, BC

- Relevant Coursework: Data Structures and Algorithms (C++), Web design (React), Discrete Mathematics (Python)

Point Grey Secondary

Dogwood Diploma

July 2023

Vancouver, BC

- Awards: Computer Science Scholarships Nominee, CCC 2022 Junior Distinction

Experience

Wun2Free Entertainment

Feb 2024 – Current

Software Developer Assistant

Richmond, BC

- Contributed to the development of the authentication API using AWS Cognito, helping implement user registration and login flows for streamlined user management.
- Assisted in setting up serverless infrastructure using AWS Lambda and API Gateway to support scalable application architecture.
- Supervised nightly operations for over 20+ game attendants, overseeing their performance and providing support as needed.

Point Grey Secondary School

Sept 2021 – July 2022

Computer Science Peer Tutor

Vancouver, BC

- Supported 30+ students in CS 11, an introductory Java programming course, ensuring comprehension of foundational concepts and problem-solving techniques
- Collaborated with the instructor to mark assignments and tests, offering personalized feedback to students to improve their coding practices.
- Acted as the first point of contact for students experiencing challenges with assignments, providing guidance and debugging assistance.

Projects

School Chat Room | React.js, Firebase, Tailwind

- Designed and developed a chat room application using React.js and Google Firebase, Using modern web technologies to deliver an interactive and responsive user interface.
- Implemented user authentication functionalities, allowing users to create accounts, securely log in, and maintain personalized profiles within the chat room application.
- Integrated Google Firebase's Firestore database to store and manage chat messages, user profiles, and other relevant data. Implemented data retrieval and storage operations efficiently and securely.

Flicka | React Native (Expo), Firebase, TypeScript, TailwindCSS

- Developed a social photo-sharing app where users post one authentic photo per day to maintain daily streaks and share real moments with friends.
- Implemented secure phone number authentication and cloud storage using Firebase Authentication and Firestore, ensuring real-time synchronization across devices.
- Built a responsive and minimalist mobile interface with NativeWind (TailwindCSS) and Expo Router, optimizing user experience across iOS and Android.
- Deployed production builds with EAS and managed app distribution for physical device testing and App Store submission.

Spotify Workplace Suggester | React, AWS Cognito, Typescript, Firebase

- Created a Spotify song suggestion app for the employees working at Wun2Free. Connected AWS Cognito with the app to allow users to login and use the app..

Technical Skills

Languages: Java, JavaScript, TypeScript, Swift, Python, C#

Frameworks: React, Angular, AWS, Git, Node.js (Express)