

# Jason Zhao

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## Education

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### 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

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### Wun2Free Entertainment

*Software Developer Assistant*

Feb 2024 – Current

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

*Computer Science Peer Tutor*

Sept 2021 – July 2022

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

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### 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

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

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