

Elijah Zhao

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EDUCATION

University of British Columbia
BSc Computer Science, Minor in Math

Vancouver, BC
Aug. 2018 – May 2021

WORK EXPERIENCE

Woohelps International Technology LTD

May 2024 – Aug 2024

Software Development Engineering Intern

Saskatoon, SK

- Developed a full-stack application for users to post and browse apartment listings, using React.js, Django, and PostgreSQL
- Architected RESTful GET/POST APIs for Image and Listing uploads/retrieval
- Integrated the WeChat API for OAuth authentication, enabling cross-platform login for target users

PROJECTS

Portfolio Website | *React.js, TailwindCSS, GSAP, Vite*

July 2025 – August 2025

- Developed a responsive personal portfolio using React.js, Tailwind CSS, and HTML, built and optimized with Vite for faster development
- Used Tailwind CSS and the GSAP library to create visually appealing animations for components to enhance the user experience.

Le-Cruiter AI | *React.js, TailwindCSS, Python, FastAPI, AWS bedrock*

August 2025 – August 2025

- An AI-powered platform enabling users to practice both behavioral and technical interviews, delivering generative prompts, realistic feedback, and automated scoring
- Engineered an audio-to-code pipeline that transcribes spoken responses, evaluates solutions via LLM, and scores on accuracy, efficiency, and reasoning under a rubric.
- Implemented a FastAPI backend, and integrated AWS Bedrock to leverage LLMs for generative prompt creation

Connect Four AI | *Java, Swing*

May 2025 – June 2025

- Connect Four game featuring an AI opponent using Minimax with alpha-beta pruning
- Designed and developed session management, including game history tracking with step-by-step replay

Plants vs. Zombies Clone | *JavaScript*

May 2023 – June 2023

- Developed a Plants vs. Zombies Clone using JavaScript and p5.js, featuring real-time gameplay, sprite animations, enemy pathing, and health management.
- Designed game mechanics, such as grid-based plant placement, random enemy spawning, collision detection, as well as audio effects

LEADERSHIP EXPERIENCE

UBC Men Mental Health Club

July 2025 – Present

Media Coordinator

Vancouver, BC

- Part of the club's executive team, Where I oversee media and social media decisions, and produce content for the Instagram page
- Contribute to designing and coordinate events, finding partnerships/sponsors, and making sure our events and philanthropy outings go well

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, GSAP, TailwindCSS, Django, JUnit, FastAPI

Developer Tools: Git, BitBucket, VS Code, IntelliJ, Eclipse, Cursor, Figma