

# Elijah Zhao

(306)-477-1048 | [elijahzhao24@gmail.com](mailto:elijahzhao24@gmail.com) | [linkedin.com/in/elijahzhao24](https://linkedin.com/in/elijahzhao24) | [elijahzhao24.github.io](https://elijahzhao24.github.io)

## EDUCATION

**University of British Columbia**  
*BSc Computer Science, Minor in Math*

Vancouver, BC  
*Sep. 2024 – May 2028*

## WORK EXPERIENCE

**Woohelps International Technology LTD**  
*Software Development Engineering Intern*

May 2024 – Aug 2024  
Saskatoon, SK

- Built a full-stack apartment-listing platform (**React**, **Django**, **PostgreSQL**); served **~1,200** weekly users and handled **~100** listings/day.
- Deployed RESTful image & listing APIs processing **8k requests/day** with median latency of **180 ms**; implemented S3 presigned uploads, reducing server bandwidth by over **50%**.
- Integrated the WeChat API for OAuth authentication, enabling cross-platform login used by **~80%** of users.

## PROJECTS

**NBA salary** | *Spring Boot, JPA, Python, React.js, TailwindCSS*

August 2025 – September 2025

- Designed a **Spring Boot** backend and PostgreSQL data model to serve NBA team/player data; deployed the API on Render and configured CORS for a **React** frontend hosted on Vercel to visualize team salary cap data.
- Implemented a **Python** scraper using **BeautifulSoup** to automatically update NBA headshots and salary data in a Supabase-hosted **PostgreSQL** database; automated daily updates to keep data current.
- Built optimized REST APIs with **Spring Data JPA** supporting paging/filtering for rosters and stats.

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

July 2025 – August 2025

- Developed a responsive personal portfolio using **React.js**, built and optimized with **Vite** for faster development.
- Used **TailwindCSS** and **GSAP** 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 that simulates behavioral and technical interviews with microphone input; designed to address the lack of dynamic interview prep tools.
- Engineered an audio-to-text pipeline and used **AWS Bedrock (Claude 3 Sonnet)** for personalized feedback on clarity, filler words, and response structure.
- Implemented a **FastAPI** backend for code/behavioral analysis and question generation.

**Connect Four AI** | *Java, Swing*

May 2025 – June 2025

- Implemented Connect Four AI using **Minimax + alpha-beta pruning**, with a search depth of **9**.
- Achieved average AI decision time  $\leq$  **100 ms** and consistent gameplay performance.
- Designed and developed session management, including game history tracking with step-by-step replay, supporting **100+ saved games**.
- Implemented a JUnit test suite (50+ unit tests) achieving **100% coverage** of core game logic.

## LEADERSHIP EXPERIENCE

**UBC Men Mental Health Club**  
*Media Coordinator*

July 2025 – Present  
Vancouver, BC

- Managed Instagram content as part of the executive team, growing the account's following by **20% in 2 months**.

## TECHNICAL SKILLS

**Languages:** Java, Python, C, C++, SQL (PostgreSQL), JavaScript, HTML/CSS  
**Frameworks:** Spring Boot, React, TailwindCSS, GSAP, Django, FastAPI  
**Developer Tools:** Git, BitBucket, JUnit, VS Code, IntelliJ, Cursor, Figma