

# Rain Zhang

rainzhang.zty@gmail.com | (236) 333-7191 | Vancouver, BC | [Portfolio](#)

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## EDUCATION

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### Simon Fraser University

Sept. 2023 – Present

*Bachelor of Science in Computer Science*

*Vancouver, BC*

- Dean's Honor Roll (Fall 2024) | Faculty of Applied Science

## PROJECTS

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### Travel Advisor Website

Jan. 2024 – Apr. 2024

- Built a React.js and Tailwind CSS website for automated trip planning.
- Integrated DeepSeek AI and TripAdvisor APIs for real-time travel assistance and hotel recommendations.
- Developed a questionnaire-based itinerary generator for personalized and budget-friendly trips.
- Implemented a travel safety index using user reviews.
- Collaborated with a team of four using Git and GitHub for version control.

**Tech Stack:** React.js, Tailwind CSS, DeepSeek API, TripAdvisor API

### Personal Portfolio Website

Feb. 2024

- Designed and developed a modern, user-friendly portfolio website using HTML, CSS, and JavaScript, with a strong emphasis on high-quality UI/UX design.
- Implemented dynamic functionalities and interactive elements to enhance user experience.
- Deployed the website using Vercel, ensuring seamless hosting and fast performance.
- Enhanced version control and collaboration skills by utilizing Git and GitHub for managing code, tracking changes, and maintaining a structured development workflow.

**Tech Stack:** HTML, CSS, JavaScript

### Snake Survival Game

Sept. 2021 – Dec. 2021

- Designed and implemented a fully interactive grid-based snake survival game using Java, handling both graphics and game logic.
- Implemented the game features including movement, collision detection, and score tracking.
- Optimized game performance by using arrays and linked lists for movement.
- Enhanced problem-solving skills by debugging and improving game logic for smooth and responsive gameplay.

**Tech Stack:** Java

## SKILLS

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- **Programming Languages / Frameworks:** C, C++, Python, Java, HTML, CSS, JavaScript, React.js
- **Operating Systems:** Windows, Macintosh, Linux
- **Software & Tools:** Visual Studio Code, Git, GitHub, IntelliJ IDEA, PyCharm, CLion, Git, GitHub, Microsoft Office