

RYAN FU

Vancouver, B.C.

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SKILLS

Programming Languages: C/C++, C#, Python, Java, JavaScript, HTML/CSS

Web Development: React, HTML, CSS

Operating System: Mac and Windows

Software: Unity Game Engine, Visual Studio, MS Office, Git/GitHub

General: Conversational Chinese, Attention to detail, Project management, Planning, Leadership

TECHNICAL EXPERIENCE

Simon Fraser University, Burnaby

June 2024 - September 2024

HIVE Welcome Leader

- Organized events and activities that helped ease new students and their transition into university life
- Guided campus tour for upwards of 50 new students on Welcome Day
- Promoted campus engagement and student participation opportunities
- Created an inclusive environment by welcoming new students, fostering connection, and encouraging peer engagement

TECHNICAL PROJECTS

Fario

June 2023

Game Programming

- Programmed a 2D platformer shooter game with the Unity Game Engine
- Implemented player and enemy control logic, the ability to shoot enemies, restore health and return to prior checkpoints
- Communicated regularly with the game's artist to align on creative ideas and project goals

Taiwan Explorers

August 2025

Travel Planning Web Application

- Built an interactive frontend using React and styled with CSS to deliver a professional and responsive design.
- Implemented itinerary generation using the Gemini API for AI-powered recommendations and the Google Maps API for interactive routing and dynamic attraction filtering.
- Collaborated with a team of 4 using GitHub for version control and Agile task management.

VOLUNTEER EXPERIENCE

Thirteen Charities Project 13, Hong Kong

April 2022 - June 2023

Assistant Web Designer

- Designed and developed websites to support team collaboration and meet clients needs.
- Managed projects from planning to organization and coordination independently.
- Assisted clients in selecting appropriate website platforms (e.g., Wix, Squarespace, Weebly, WordPress) to suit their requirements.

EDUCATION

Simon Fraser University, Burnaby, BC

Expected Graduation: October 2027

Intended Major: Bachelor of Science in Mathematics and Computing Science Joint Major

- CGPA: 3.540

ACTIVITIES

- Member, SFU Game Developer Club September 2024 - Current
- Co-President, Sir Winston Churchill Secondary Unity Game Design Club September 2022 - June 2023