Christian Cho

Burnaby, BC

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SKILLS

Languages: C/C++, Python, HTML/CSS/JavaScript, English, French
Applications: Git, GitHub, VS Code, Microsoft Office Suite, Adobe Creative Cloud, Google Suite, FL Studio
Soft Skills: Communication, Adaptability, Problem-solving, Time management, Teamwork

EXPERIENCE

Science Instructor — June 2024 – Sep. 2024
Science Al!ve | Faculty of Applied Sciences at Simon Fraser University — Burnaby, BC

- Facilitated hands-on STEM activities for children grade 1-8, fostering curiosity and engagement in science, technology, engineering, and math
- Managed classroom logistics, ensuring safety protocols were followed during experiments and activities
- Adapted teaching approaches to suit different learning styles, ensuring all participants could grasp key STEM concepts

PROJECTS & AWARDS

Mountain Madness 2024 3rd Place Winner out of 27 teams | Computing Science Student Society at SFU — Mar. 2024
- Collaborated with a multidisciplinary team to design and develop *Jake's Journey*, a 3D puzzle game in Unity
- Programmed a player movement system that dynamically adjusted movement direction based on camera orientation, enhancing gameplay complexity and user experience
- Produced original sound effects and soundtrack using FL Studio and vocal recordings, creating an immersive audio environment

Bank Hacks Winner 2024 | Developers & Systems Club at SFU — Mar. 2024
- Designed and developed a real-time banking system in Python to process debit and credit transactions, ensuring fast and accurate updates to client accounts
- Implemented a client onboarding feature, enabling new users to create and manage accounts seamlessly
- Engineered a packet collection system to retrieve and display client banking information from a centralized server

Fall Hacks 2023 3rd Place Winner out of 28 teams | Computing Science Student Society at SFU — Oct. 2023
- Collaborated with a team to design and develop *Birge Adventure*, an arcade-style game built in Unity
- Composed original sound effects and music using FL Studio, enhancing player engagement through immersive audio design
- Integrated an online leaderboard by syncing player data to a website, enabling real-time skill comparison among players

Personal Website | Personal Project — Oct. 2022
- Designed and developed a responsive multi-section personal website using HTML, CSS, and JavaScript, featuring smooth scrolling, real-time scroll progress bar, and viewport-triggered animations for enhanced user interaction
- Implemented an image slideshow with autoplay functionality and optimized the site for cross-device compatibility using CSS flexbox and media queries, ensuring a seamless experience across different screen sizes
- Integrated custom fonts and applied semantic HTML, improving accessibility of the website

EDUCATION

Simon Fraser University — Sep. 2023 – Present
Bachelor of Applied Science in Computing Science | 3.5 CGPA — Burnaby, BC