## **UBC** Science Co-op

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March XXth, 2023
Software Engineer Summer 2023 Internship
COMPANY\_NAME
Vancouver, Canada

Re: Software Engineer Summer 2023 Internship

Dear COMPANY\_NAME,

For as long as I can remember, my passion has always resided with programming and using critical thinking to bring my ideas to life. From programming small Minecraft mods at the age of 12 to creating start-to-finish first-person shooter games and fully-fledged applications, I have found that bringing my ideas to life by creating software is truly magical.

The skills I have developed from my experience with the Unity game engine make me a great fit for creating software. I have 7+ years of experience designing and developing games with the Unity game engine, where I have developed multiple mobile games from scratch. I have experience with implementing various AI techniques in Unity, such as decision trees and finite state machines. I also have a strong understanding of algorithms and data structures as well as extensive experience with mobile optimization techniques like reducing draw calls, optimizing memory usage, and minimizing script execution time. My most successful title has more than 100,000 users on the Google Play Store. On top of my expertise with C# in Unity, I also possess advanced knowledge in C++, Java, Javascript, HTML, CSS, and PHP from 3 years of high school programming electives, two years of university courses, and 7+ years of self-teaching. Aside from my technical skills, my creative thinking and artistic skills set me apart. I have used my imagination to ideate original game worlds and create them, such as a ragdoll unicycle parkour game I published to the Google Play Store.

Last summer, I worked as a QA Automation Engineer Intern at Blastworks Inc, a studio that creates social casino games. Here I learned the necessities required to work with a team at a studio. I learned how to use version control effectively and coordinate with developers, artists, and QA during the development process, all while under the agile workflow. I also was tasked with a huge responsibility, as I was in charge of verifying the in-app store payment system that generated over \$400,000 in revenue each month.

Throughout my free time, I work as Chief Technical Officer at a university startup called Innovenium Technologies Inc. Here I lead the technical direction of a social media networking app by managing a team of 16 developers working under a limited budget and time frame, which forces creative solutions to problems. In addition, I consistently reach out to UBC clubs, startups, and students to receive feedback on new designs and features.

I am extremely keen on working with you and your team at **COMPANY\_NAME**. This opportunity will help me pursue my passions and strengthen my skills to propel my career. Your time and consideration are greatly appreciated.

Sincerely,

## **Kaz Tahara-Edmonds**

Combined Major in Computer Science and Business Second-Year, 2025