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Sanctuary AI

Vancouver, British Columbia

Dear Hiring Manager:

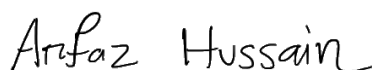
I am writing to apply for the AI and Automation Co-op at Sanctuary AI. As someone who is always eager to learn and grow in my field, I believe that this is an excellent opportunity to gain valuable experience and enhance my skills in software development.

I have a fascination for developing web, mobile and graphical applications, and I am continually learning skills through my personal interests and hobby projects outside school. During my first year, I gained valuable experience in the food and beverage industry by working as a customer service representative and grocery clerk. This helped me gain a lot of transferrable skills in my second year as I began to work in teams and group projects. I have a passion for designing and developing graphical interfaces for both mobile and web applications and have a strong interest in developing and maintaining game engines in the future. Most recently, I designed and developed an iOS weather app using Swift and Objective C and made a 3D model of a Rubik's Cube using OpenGL, an open-source Graphics API written in C and C++.

In terms of the specific requirements for this role, I have experience in working and building modern web technologies like HTML5, CSS3, JavaScript, and have built my own personal portfolio website relying upon JavaScript, jQuery and Bootstrap without using any frameworks. Currently I am focusing on working and developing projects using React and TypeScript and have been contributing to the Avionics team of UVic Rocketry in developing components using React-TypeScript, PostgreSQL and MongoDB. While working on AR/VR tools, I familiarized myself with C# and the Unity Game Engine. I am also familiar with test automation tools and frameworks such as Selenium IDE, Maven and Gradle, have experience writing unit tests in IntelliJ, familiarity with Agile Mythologies, CI/CD tools like Jira and Kanban. I have frequently used Git version control using bash scripts for my development processes across my devices.

Given my current work-term setup, I am available for an 8-month co-op term and would be open to the possibility of participating in two consecutive terms and relocation. Thank you for considering my application. I look forward to the opportunity to further discuss my skills and experience with Sanctuary AI.

Most Sincerely,



Arfaz Hussain (He/Him)

2nd Year Software Engineering (BSEng) Student,
University Of Victoria