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Helen Manos   October 30th, 2019

Caseware International Incorporated

469 King St. West, 2nd floor Toronto, Ontario M5C 2Y8 Canada

Dear Ms. Manos,

I would like to express my interest in the Software Developer position posted on the University of Toronto Scarborough co-op website. I am a second-year Computer Science Specialist Co-op student specializing in Software Engineering at the University of Toronto Scarborough available for 12 and 8 months. As a computer science student with strong interests in developing modern software that will be used prevalently, I admire how Caseware International Incorporated has created a firm that builds software solutions that are pushing the boundaries of the industry. I believe that the various experiences that I have gone through have developed my analytical and development skills and that these skills will allow me to thrive and contribute in the software development process.

As computer science student, I have developed strong analytical skills by analyzing problems and breaking them down to solve a larger problem. One time I exercised this skill in development of a 2-D platformer videogame with a team of 4. The biggest problem that arose in development of the game was creating the physics engine. To solve this problem, I broke down the problem by creating user stories and solving smaller problems to build up to the overlying problem. This skill will help me in the role of a Software Developer position at Caseware International Incorporated, because I will be able to analyze and simplify a problem/specification to determine a good product design and test its capabilities with full understanding of product specifications.

Another project that I worked on was with a team of 4, we developed a virtual Unix Shell using Java. In the development process of this project we applied various development tools including version control using Subversion. In development I contributed by designing software with consideration to previous releases of the project using the Agile development process. As the scrum master for the team I worked with the team efficiently to ensure the team members are organized so that the project will finish on time. With this experience I am sure I will be able to design good software in a fast-paced environment independently and collaboratively.

I am confident that my clear-cut analytical skills and development skills would empower me with the means to make significant contributions at Caseware International Incorporated, I look forward to further meetings to discuss the employment opportunity. Thank you.

Respectfully yours,

Joshua Carrasco Sousa