## 10 January 2020

Adriana Theodosopoulos

CAE Inc.

8585, chemin Côte-de-Liesse

Saint-Laurent, Québec H4T 1G6

**Subject: Software Developer - Immersive Environment with** **CAE Inc. (Offer: 36953)**

Dear Ms. Theodosopoulos,

I am writing this letter to express my interest in the Software Developer - Immersive Environment position with CAE Inc. Throughout my studies at Gina-Cody School of Engineering and Computer Science and my personal learning outside of school, I learned a lot about software development, computer graphics, and algorithm design. I firmly believe my professional experience, knowledge, and self-motivation to grow will propel me to excel in this role by becoming an active contributor to CAE’s mission of developing and integrating of software components that offer pilots a simulation environment of unmatched realism.

My diverse array of academic, volunteer and professional experience makes me an excellent candidate for this position at your organization. I am thoroughly enjoying software design, planning, and development. One of my personal projects consisted of developing a simple 3D rendering engine from scratch. This project enabled me to further refine my design, problem solving, and mathematics skills. It also helped me understand the functioning of computer graphics rendering and the mathematics behind it which is mandatory to develop 3D graphics.

Working with Bijouterie Hamel taught me valuable insights about companies and small businesses needs and expectations such as meeting customers’ expectations and respecting deadlines. My role as a software developer assistant entailed building and coding websites, testing and fixing bugs and interviewing customers to adapt the website to their needs. Therefore, this experience bolstered my analytical skill, attention to details, and the ability to convey complex information. These skills will facilitate preparing, designing and testing software.

Completing courses in Computer Science and my passion in programming and learning outside of school equipped me with indispensable tools which I will exploit fully in order to excel at CAE. In addition, I finished an Object-Orientated programming course which taught me a lot about programming strategies, helped me to learn java in school and C++ outside of school.

Thank you for your time and consideration. I look forward to meeting with you to discuss the employment opportunity you have to offer in addition to the skills and qualification I possess.

Sincerely,

Shadi Jiha