

# Bob Sacamano

## Sunnyvale Trailer Park, Nova Scotia

October 20<sup>th</sup>, 2016

Lockheed Martin  
7171 boul. de la Cote Vertu Ouest  
Montreal, Quebec  
H4S 1Z3 Canada

Dear Hiring Committee,

As a computer engineering student at McGill University with a particular interest in software development and simulation, I was instantly drawn to your posting for the software intern position. I am confident that my academic background as well as my diverse experience with software development makes me a good candidate for this internship.

Ever since I was a child, I have had a deep interest in applying concepts I have learned in conjunction with my creativity. Throughout my studies in CEGEP and university, I have consistently applied knowledge that I've learned from various physics and mathematics courses in the form of computer simulations. For example, to get a better understanding of planetary motion in an Astrophysics course, I built a three-dimensional, interactive simulation of planets and stars orbiting each other.

I was initially drawn to computer programming in high school, when I was motivated to design video games. I made my first game using the Unity 3D game engine, and along the way I learned very useful skills such as 3D modeling and complex mathematics for computer graphics. Most importantly, I began to appreciate the importance of efficient code. Last semester, in a computer science course, I received the highest grade in a class of 350 people on an assignment that consisted of building a Java program that solves a puzzle invented by the professor.

The software intern position at Lockheed Martin provides an invaluable opportunity to work on developing software modules and visual simulation technology. Thus, the functions of this position correspond to the fields in which I thrive, which makes me very interested in working for the VISTA team. I have always been very interested in physics and vehicle design, and I thoroughly enjoyed learning about that as a member of the McGill Formula Electric team. Although I am studying to be a computer engineer, working with vehicles such as airplanes, trains, and automobiles has always been a deep interest of mine, so designing simulation equipment for such vehicles is a very intriguing opportunity. Furthermore, working for Lockheed Martin would be an immense honor, as it is an elite company in the field of aeronautics. An internship at Lockheed Martin would provide me with an unparalleled learning experience in the fields of design and business, which will be essential to my success as an engineer.

I would welcome any opportunity to apply my skills and experience with Lockheed Martin, and to contribute to the VISTA team in developing modules and applications. Thank you very much for your review and consideration of my application, and I look forward to your response at your

earliest convenience.

Sincerely,

Bob Sacamano