

## **Project 1**

Coming into this course I had most preconceived ideas of what Cyber Security was all about as well as I even thought of myself as computer savvy..! Not of the hacker variety but I knew enough to be dangerous. After completing the first part of the course I have learned many things about the World of Cyber and about myself! Mainly that Technology is a beautiful organic substructure; that flows always changes and evolves. It is similar to an orchestra. There are many different harmonic pieces similar to musical instruments that when tuned properly and play together in sync make a beautiful symphony concerta or put someone on stage and you have an opera! It is also true that if a single instrument (i.e. line of code) is out of sync or not perfectly orchestrated the entire movement fails. I originally believed that code was simply developed and written without fully understanding the depth of the parts that make the whole.

The second misconception I came into this world with was that Cyber security was about building a bigger better "Mouse trap!" When the unfortunate truth as with so much in life nothing is 100% secure! As locks only keep honest people honest! The goal of Cyber security is to Mitigate potential damages! AS someone motivated enough will always find a way into the most secure environment, to what extent their acces gives them into the server or the database and even more so limiting to the fullest extent what they can take from it is in the end the main goal. I have learned enough to know that the cyber Security world is made for those who not only like but love puzzles, as nothing is cut and dry or black and white! From a beginning of a random string of ones and zeros technology has made advancements by leaps and bounds. They say that approximately every two years technology doubles. I have high hopes for the next evolution of the game! Where we take it from here is yet to be written but the future looks amazing and Bright!