4/14/2021

St. Jean, Austin

Computer science

Project Exit Assessment

Self-Reflection

**Self-Reflection**

At the beginning of this year, I went into the computer science course without a good idea of what to expect. Throughout my first year in this program, I have learnt a lot. For example, I learnt how to work effectively in a team environment. Each week during my lab periods, students had time to work together, we talked about the subject and helped each other the whole time until everyone had finished. I have always been a quiet person but with online learning being a new thing for everyone, I got more comfortable adapting to the new environment as everyone else was as well. I found communicating with new students online was easier than trying to talk with new people in person because it lacked the visual aspect so, meeting new people and talking to them was simple.

I learnt a variety of different topics in each of my classes. One of the main topics was being aware of the user that could potentially be using your program. You can see how I learnt to do this in my programming connect n assignment. I made a game where things are laid out for the user step by step. I learnt how to think ahead when working on my assignments and I started implementing this skill in my everyday life. Assignments like the Connect-N were overwhelming but once I got a handle on the workload of this course, having a time management to-do list became second nature to me. I got better in witting all my objectives in my agenda, so I never missed a due date.

I have always been someone who loves math and during my first year, math for computer science was one of the classes I enjoyed. In that class I learnt problem solving skills and analysis skills where we looked at different situations and problems and tried to find the easiest and most efficient solution to the problem. Once again, I found implementing this kind of skill into real life situations more present and it helped me complete assignments that I had assigned.

**Learning outcomes**

In my networking course, assignment 2, I made and designed a network. You can find my personal resume in my GitHub repository under the file name 420-F20\_Assignment2\_NetworkDesign. To complete this assignment, I had to learn about different networking devices and components such as hubs, switches, and routers. I learnt about overflowing, wire connection and general setup of the network. While learning about these topics I got a better understanding about how my own personal network works at my house. I grew an interest in networking devices and understanding how they connect with each other.

Assignment 4 of my business in the workplace class, I learnt how to write a report. With this skill that I’ve learned, I’m more prepared for something like writing a document for something like my end of term co-op report. At the start of the class, we wrote our first professional resumes and cover letters. You can find my personal resume in my GitHub repository under the file name AustinSt-Jean\_K10\_A01\_ResumeFinal. This skill is something that I’ll be able to keep every time I got to apply to a new job. With what was taught to me I’ll be able to write my cover letters more effectively.

Math was a subject I really enjoyed learning about. With the introduction of something like boolean algebra, my understanding of math and its concepts grew. As the semester went on, statistics became the main topic of the course. I have always been someone who likes and understands numbers and graphs. Learning about the subject, I felt very familiar with the content. Math for computer science also had a main topic on problem-solving. We had weekly assignments where we were presented with different situations and our objective was to find the best most logical solution. I learnt different algorithms through those assignments and adapted myself to different perspectives while trying to solve each of my problems.

One of the subjects for business in the workplace was understanding the differences of different technological roles. With this subject we learnt about interpersonal relationships, communication skills, and among other things on that topic of interaction in the workplace. With these topics, we identified where they would be most relevant within different jobs in a technical field. We discussed the responsibilities and required knowledge of different technical roles and I found it really helped me understand their differences.