4/12/2022

St. Jean, Austin

computer science

Project Exit Assessment

Self Reflection

Second Year Self-Reflection

I have always been a creative person. Stepping into the computer science program I was excited to be introduced into a world where my mind can run and create projects that I found were interesting and challenging. However, I didn’t realize the scale of this world. In my first year I noticed quickly that I wasn’t able to be as free as I thought I would be as I found my self constantly asking questions and being restricted from what I wanted to do simply because I didn’t understand. Though the course seemed more than I could handle I stuck with it because it was something I genuinely enjoyed doing and I like learning about topics in this field. It kept me engaged and each new topic kept me interested in learning more.

Over my time working in the computer science program I have become more aware of myself in my capabilities and my personal motivation for doing more. Throughout high school I always submitted my assignments on time but never did them early or efficiently. I usually leave it to the last second and grind it all out at the same time. I realized with the workload that I was presented with as well as having team members to work with on some assignments who rely on my work being completed on time, I couldn’t leave everything to the last second. In my business class and as well as my systems class I learnt how to manage my time efficiently with my time management assignments. With all my tasks piled up it was easy to keep track of things with everything spread out on paper. This helped me improve in doing my work over a period of time in every class I had as well as learning how to work with teammates efficiently and adapting to the outcomes and needs of their work.

Overall my experience with assignments and tests had been good in the first year but very minimal in my second. First of all, the shift from online to in person schooling had a big impact on me and I think stepping into my first year of in person college, I was unprepared for what was coming next. The second year I noticed was considerably more difficult than the first and I had to relearn how I wanted to gage my time and how to focus on the most important things. Despite the second year seeming like a new mountain I had to climb, it presented itself with much more team work and I think this was an element of the year that helped me. Again, with everything shifting to in person for the first time, everything felt foreign but having some classmates to communicate with and work alongside the material made things feel more relatable and satisfying. My work felt meaningful and I definitely feel better with myself heading into the end of this year.

**Second-Year Learning Outcomes**

My second year of computer science started as my first year of in person college. This turned out to be a great obstacle for me as I wasn’t used to the environment I was working with as well as the people. This year presented itself to be harder that the first but I learnt many new topics that found much more interesting than before.

I enjoyed the second-year classes more than the ones from the first year. My favourite was database, both the first and second. I want to go into a profession that’s on the topic of stats which includes series of tables and databases. I learnt how to create these tables and learnt how to select specific pieces of information from a database. This topic would be integrated into my Web V course where I learnt how to model and implement a database with asp.net. This again I found very interesting to learn about as I used two of my classes to solve complex problems and create websites such as my group assignment, Happy Valley Kennels.

One class I found particularly intriguing was my systems analysis class. In this class I learnt about different professions within this field and how to differentiate them. These professions included the roles of a systems analyst, business analyst, full-stack developer and a database administrator. Learning about these different roles, this class helped understand what jobs I’d be most interested in as well as jobs I’m not interested in and helped me get a better understanding on where I want to go with computer science. Another class that expanded on my understanding of professions in computer science was Value in the workplace. Not only did this class discuss about values but it also mentions the importance of your position and your acknowledgement in a workplace. This course I found to be the most interesting of my general education classes in second year and I think the material I was exposed to will stick with me much longer than most other classes.

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| **Work Submitted to Portfolio** | **Course** |
| Design and implementation of native application without a database (Updated next year) | Programming III |
| Design and implementation of non-transactional web application (Coming next year) | Web Programming III |
| Ethical analysis | Values in the Workplace |
| Happy Valley Kennels | Web V |
| 2nd year reflection (required) |  |