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CMS380

<div align="center">Challenge Project reflective writing assignment</div>

1. Think back to how you felt at the beginning of the course. What were your expectations?

   My expectation on this course was to understand what simulation is and how it works because I've heard the term simulation in various computer science and math related things but never really knew what it exactly is or how it works. My personal expectation was to do my best work but I think the class format helped me to focus more on learning and understanding better and defining that as my best work rather than like a test score.

2. Tell a story about a topic, problem, or assignment from the class that challenged you. How did you respond?

   The problem that was challenging was probably the Fast-Pass simulation. I knew it would not be an easy assignment but was especially hard compared to what we have done so far in the class. I realized that I was thinking about the entire problem from the beginning instead of breaking it down into smaller chunks. So, I took a step back and I organized what we've learned in class on the note, and started from the diagram of simpler version of the question that was asked, and started expanding the idea and problem little by little so I was able to understand how to implement the system and I understood what was going on much better.

3. Tell a story about an interaction you had with another person because of this class.

   Although I had a group that I was a part of originally, I've had opportunities to talk to other people in the same class. Our group was like a group where everyone worked individually first and when we had questions we asked and discussed the topic rather than being the typical group project where people depended on other people which could cause a lot of problems. So I really liked

how the group was organized and the level of interaction or the level of association we had which was not too little but not too much.

4. Other than programming, what have you learned from this class that you can take forward into your other classes or post-Rollins work?

   I think how I approached this class and studied is something I can take forward. I have been planning how I study but especially for this course, by planning ahead and by just having the study plan in the span of sprint was definitely valuable, and much easier to maintain.

5. What has been your experience on learning during the pandemic, whether that was in-person or remote? What did you find most challenging? What (if anything) worked well for you during this time?

   I think the most challenging part was the communication with people in the class. It was relatively easier to communicate with the professor but was remarkably harder to communicate with other students in the class especially when we are working as a group. I liked your approach of writing on the paperboard and sharing it through the doc cam because it was easier to follow. I think comparing the in person class and remote class, the in-person class worked for me much better overall than the remote-class. In terms of the level of engagement during the lecture. I believe remote-class was more hectic and overwhelming for both the student and the faculty who teaches the remote-class.

6. What are your thoughts on online vs. in-person education? Do you think there are positive aspects of online teaching that we should incorporate into our regular classes?

   I believe the pro of online teaching is relatively small compared to in-person education especially when you think about full-time students like most Rollins students and not the people who already have a full-time job. The pro of the online course is that students won't have geographical constraints, they don't

have to be on-campus to take class and I believe that will work great in situations such that people wants to finish a degree but have already established their life with full-time job or that people cannot make come to campus for other reasons including pandemic and closing of border. But taking an online lecture requires greater concentration and motivation than in-person class and I don't think we are not mature enough yet to keep that consistent and this affects the performance in the course as well as that student could be just wasting their time and resources because they are not focused on classes.

7. *Metacognition* is the act of thinking about your own thinking. The single most important skill you can develop in college is self-awareness about your own learning process. What have you learned about your own learning as a result of being in this class?

I've realized that I learn better with my interest, perform better and really enjoy the subject when I am not constantly conscious of my grade in the course. I feel as if I was working to get the immediate benefit (the letter grade) rather than actual valuable opportunities and knowledge that I can obtain in some of the courses I have taken so far at Rollins. But I became clearly aware with confidence that my curiosity and interests are what drives me to work harder.