ICS3U0 Self-Reflection

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In the ICS3U0 course, I enjoyed learning about the various programming skills that were applied in professional settings. However, there were also several non-programming skills that I learned, almost all of which were crucial to help me in my culminating project for the course.

The most important skill that I applied from other projects into this culminating assignment is the ability to perform stepwise refinement in my work, and elaborate on points where there is potential to be more specific. I learned about stepwise refinement from listening to the problem-solving and teamwork presentations, and, in my opinion, it has been a great way to solve large and complex problems. Through stepwise refinement, I could break down each step of the culminating assignment into smaller tasks. Doing this, I turned a large, daunting culminating assignment into several feasible tasks. With stepwise refinement, I achieved a high level of detail in my project while covering all steps in the process.

Another skill I used in my culminating project, which was strengthened through the scholarly discourse assignment, was the ability to connect new and complex topics to my own knowledge to make understanding them a lot easier. I learned this in scholarly discourse when learning about blockchain-based remittance, and it was very useful to apply in this project, as there were several instances of futuristic technology being mentioned. Being able to connect my preexisting knowledge of artificial intelligence technologies with what was mentioned in the case study helped me have a stronger grasp of all the concepts covered.

This assignment, like every other assignment, had its challenges. I felt that the main challenge in this assignment for me was thinking creatively to address a problem where technology was not the main bottleneck. This kind of challenge pushed me to think outside the box and create a solution that would actually help the company.

This course not only taught me several technical skills that would be incredibly useful in a professional setting, but it has also helped me develop strong mental models for approaching problems. Throughout the course, I observed that my way of thinking gradually became one that considered multiple perspectives and was able to create solutions and scenarios that would benefit all involved parties.

Overall, I feel that this course has helped me benefit in both technical and non-technical skills, and the skills I have gained from this course will surely transfer into other areas of my life in both personal and professional settings.