**Assessment- Senior Design**

*Part A - Two Paragraphs: What was your individual contribution to this project? Did you apply and build upon the skills identified in your initial assessment from last Fall? What did you do and how did you do it? What did you learn and what competencies did you build? What were your successes, what were you obstacles?*

Throughout my time working on the senior design project, during Fall and Spring, I got to learn a lot of things on an individual level. Our project was under Dr. Nan Niu and our topic was NLP or Natural Language Processing. My individual contribution to this project ranged from an initial presentation identifying the topics for the project and went on to working on algorithms through machine learning to identify sentences and their compositions. The skills I wished to build on through this project was better programming and analysis skills and I was successfully able to do that. I also wanted to adapt to working in a team through a virtual setting, and I was able to do that through coordination with my team members. Some other skills I wanted to work upon, was to implement machine learning and also read more about natural language processing. This project allowed me to do both of that and I was able to learn and grow, since the initial assessment in Fall.

Some of my successes through this project included being able to work in a group setting with both my team members Garrett and Kevin, as well as coordinate with Dr. Niu. I was able to put together some information regarding the classification of the sentences we were dealing with for our project. I got to learn how to classify sentences as temporal or non temporal and how to build a confusion matrix around my algorithm. Some of the obstacles during this project for me, was my health condition first of all. Due to covid, I had been sick for a lot of time and had to take time away from the project, to recover from the sickness. That put me little behind with my work and also a little out of touch with the project for couple weeks. Another obstacle faced by me, was the understanding of certain aspects of the project, which I believe would have been much easier if the class was conducted in person and we actually got an opportunity to meet and work on the project.