CAE Research Project Meeting Minutes

12/22/2020

- Participants
    - Dr. Waleed Farag (PI)
    - Dr. Soundararajan Ezekiel (Co-PI)
    - Dr. Xin-Wen Wu (Co-PI)
    - Ethan Buhl
    - Cassandra Lefever
    - Alex Robbins
- Meeting start 11:05 AM
- Main Points
    - Next meeting with Dr. Pearlstein will be Saturday or Sunday at 10 a.m. Dr. Ezekiel will send out an email with this information.
    - Group Updates
        - Ethan
            - Found four datasets, hoping to use the Titan machine to start processing and graphing data
            - For next time: get familiar with the datasets that were found and the structure of them, focus on what dataset is most suitable for our application; get in contact with Adam and Rohith to get access to datasets that are already on the machine
            - Titan machine needs to be turned on (it is in Stright Hall room 305), Dr. Ezekiel will take care of this; Dr. Pearlstein also has a machine that we can use
        - Alex and Cassandra
            - Investigated: feature engineering, PCA, GANs, WGANs, Python scripting
- Adjournment 12:05 p.m.
- Next meeting will be held on Tuesday, December 29th, 2020 at 11:00 a.m. via Dr. Farag Zoom room.