CAE Research Project Meeting Minutes

1/5/2021

- Participants
    - Dr. Waleed Farag (PI)
    - Dr. Soundararajan Ezekiel (Co-PI)
    - Dr. Xin-Wen Wu (Co-PI)
    - Ethan Buhl
    - Cassandra Lefever
    - Alex Robbins
- Meeting starts at 11:05 AM
- Unanimously approved minutes for meeting on December 29, 2020
- Main Points
    - Update on COMNETS dataset
        - We can convert pcap to csv
        - Since the data is unlabeled, we may want to proceed with using the autoencoder that is set up on the Titan machine as our next step to process the data
    - Update on VTech thesis paper for encoding network information
    - Tasks:
        - Alex and Dr. Ezekiel will meet at some point this week to start working with the data. Which parameters should be used, extracted, etc.?
        - Ethan - We want to get access to the MatLab and Python code that is on the machine. Adam may have a copy of the script if we cannot fix the machine. Dr. Ezekiel will be emailing updates.
        - Cassie – Continue to read and try to understand the master thesis on encoding network information.
    - Students: Your assistance may be required for another project on February 6, 7, and 13. Details will be posted soon.
- Adjournment at 12:05 PM
- Next meeting will be held on Tuesday, January 12, 2021 at 11:00 a.m. via Dr. Farag Zoom room.