

# CAE Research Project Meeting Minutes

2/11/2021

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Dr. Xin-Wen Wu (Co-PI)
  - Ethan Buhl
  - Cassandra Lefever
  - Alex Robbins
  - Maria Balega
  - Adam Lutz (guest)
- Meeting starts at 4:00 p.m.
- Unanimously approved minutes for meeting on January 28, 2021
- Main Points
  - Updates:
    - The mid-report deadline for the project is due at the end of March
    - Titan is up and running smoothly
    - Titan machine environment has many algorithms for us to use: GAN, DCNN, clustering
    - Cassie – Preprocessing, embedding network information
    - Ethan – Set up a virtual environment for running h2o on Titan, but getting errors running the script
  - Tasks:
    - Alex, Cassie, Ethan, Maria – will be meeting with Adam as soon as Adam gets the Titan TensorFlow environment fixed
    - Start getting results from the GAN by end-of-day Monday
    - Adam, Ethan - Need to inventory and backup important code and documentation on the machine; start documenting the algorithms we have
    - Ethan - On Monday, we will meet to discuss the status of the PCA scripts and follow up with Dr. Pearlstein
    - Cassie, Maria – work together, continue looking into preprocessing, meet with Dr. Ezekiel for help
  - GenCyber Camp
    - Sessions will be held:
      - February 13, 14, 20
      - 9 a.m. to 3 p.m.
    - Be on the lookout for emails from Dr. Farag and Dan regarding this project. Announcements will be posted in the Slack as well.
- Adjournment at
- Next meeting will be held on Thursday, February 18, 2021 at 4:30 p.m. via Dr. Farag Zoom room.