CAE Research Project Meeting Minutes

7/26/2021

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Maria Balega
  - Zaryn Good
  - Alicia Deak
- Meeting started at 12:00 p.m.
- Unanimously approved minutes for meeting on July 19, 2021
- Main Points
  - Discussed:
    - Maria and Alicia
      - Met with Alex to discuss Comnet dataset, not ideal for XGBoost since it is not labeled
      - Ran IoT23 datasets in SVM and XGBoost, got accuracies up to 99.99%
    - Zaryn
      - Working on running datasets through image conversion
  - Tasks:
    - Maria and Alicia
      - Explore Comnet dataset further, try to find an IoT dataset that is labeled
      - Work on generating a synthetic IoT dataset
      - Run IoT23 datasets in XGBoost and SVM without binary classification
    - Zaryn
      - Continue working on image conversion
    - Franklin
      - Continue working on GAN
- Adjournment at 12:45 p.m.
- Next meeting TBD via Dr. Farag's Zoom room