

# CAE Research Project Meeting Minutes

6/28/2021

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Dr. Xin-Wen Wu (Co-PI)
  - Maria Balega
- Meeting started at 5:00 p.m.
- Unanimously approved minutes for meeting on June 21, 2021
- Main Points
  - Discussed:
    - Maria
      - Ran the Mirai35 dataset with 10 million lines in XGBoost and got accuracy of 99.99%
      - Had issues with missing values as dashes and changed them to blanks
      - Added metrics including precision, F1, and recall
  - Tasks:
    - Maria
      - Run a different IoT23 capture in XGBoost that isn't dominated by DDoS attacks
      - Work with Adam to learn autoencoder
      - Work with Alicia to run datasets in SVM to see comparison of results with XGBoost
      - Meet with new students and train them for GenCyber
- Adjournment at 6 p.m.
- Next meeting will be held on Wednesday July 7th at 12 p.m. via Dr. Farag's Zoom room