

CAE Research Project Meeting Minutes

2/9/2022

- Participants
 - o Dr. Waleed Farag (PI)
 - o Dr. Soundararajan Ezekiel (Co-PI)
 - o Dr. Xin-Wen Wu
 - o Zaryn Good
 - o Ryan Gress
 - o Maria Balega
 - o Franklin May
 - o Ethan Foust
 - o Donald Miley
- Meeting started at 11:30 am.
- Unanimously approved minutes for meeting on February 2, 2022
- Main Points
 - o Discussed:
 - Maria
 - Ran balanced IoT-23 data through SVM and achieving accuracies up to 96% which is similar to unbalanced data, revised paper based on Dr. Farag's suggestions
 - Alicia
 - Created balanced data for IoT-23
 - Running into issues with XGBoost results
 - Zaryn
 - Working on DCNN
 - Franklin
 - Working on paper, revised paper based on Alicia and Dr. Wu's suggestions
 - Ryan
 - Comparing binary results from ToN-IoT XGBoost to published papers, not achieving accuracies as good as the published papers
 - Converted ToN-IoT dataset to images
 - o Tasks:
 - Maria & Alicia
 - Work on solving XGBoost issues and continue to work on paper
 - Zaryn
 - Continue to run DCNN, keep in touch with those writing papers
 - Franklin
 - Continue working on paper
 - Ryan
 - Continue working on XGBoost, running DCNN, and working on paper
- Adjournment at 12:20 pm.

- Next meeting will be held on Wednesday February 16 at 11:30 am.