CAE Research Project Meeting Minutes

2/9/2022

Participants

- o Dr. Waleed Farag (PI)
- o Dr. Soundararajan Ezekiel (Co-Pl)
- o Dr. Xin-Wen Wu
- o Zaryn Good
- o Ryan Gress
- o Maria Balega
- o Franklin May
- o Ethan Foust
- 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.

Alicia

Created balanced data for IoT-23

Running into issues with XGBoost results

Zaryn

Working on DONN

Franklin

Working on paper, revised

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 DONN, and working on paper

Adjournment at 12:20 pm.

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