

CAE Research Project Meeting Minutes

11/16/2021

- Participants
 - o Dr. Waleed Farag (PI)
 - o Dr. Soundararajan Ezekiel (Co-PI)
 - o Dr. Xinwen Wu
 - o Zaryn Good
 - o Franklin May
 - o Ryan Gress
 - o Sky Semone
 - o Cassie Lefever
 - o Maria Balega
- Meeting started at 3:00 p.m.
- Unanimously approved minutes for meeting on November 11, 2021
- Main Points
 - o Discussed:
 - Maria & Cassie
 - Working on preprocessing the IoT-23 dataset
 - Zaryn & Sky
 - Testing KDD for different test/train ratios, accuracies are decreasing
 - Updated image conversion
 - Franklin
 - Cleaned up KDD preprocessing, running it in XGBoost and SVM, got 99% for SVM which may be from skewed data
 - Ryan
 - Cleaned up TON-IoT preprocessing, ran through XGBoost function that Alicia created and got 99% accuracy which is different than usual
 - o Tasks:
 - Maria & Cassie
 - Finish preprocessing IoT-23 dataset and run through XGBoost
 - Create graph of results for writeup
 - Alicia
 - Continue working on report and XGBoost function
 - Zaryn & Sky
 - Continue running datasets in DCNN
 - Franklin
 - Continue working on running KDD in XGBoost and SVM, look into execution time
 - Work on DCNN abstract with Zaryn
 - Ryan
 - Look into XGBoost function and figure out why new results differ from the original

- Adjournment at 3:50 p.m.
- Next meeting will be held on Tuesday November 23 at 3:00 p.m.