

CAE Research Project Meeting Minutes

12/16/2021

- 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 Alicia Deak
- Meeting started at 11:00am.
- Unanimously approved minutes for meeting on November 30, 2021
- Main Points
 - o Discussed:
 - 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
 - Create SVM code
 - 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
 - o Tasks:
 - Maria & Cassie
 - Need to remove the NaN values to run through SVM
 - Organize OneDrive folder to contain any links (in a wordpad) of sites referenced. If possible, include the papers referenced
 - Alicia
 - Create the scatter plot function for SVM
 - Copy codes from titan to removeable drive
 - Zaryn
 - Figure out why the current dataset is running 1,000 images/hr instead of 20,000/hr.
 - Continue running the dataset
 - Franklin

- Send the graphs with a short description for each graph to Dr. Farag
 - Update the report on the one drive
 - Ryan & Alicia
 - Run the multiclass through SVM.
 - Compare the results with the papers
- Adjournment at 11:50am.
- Next meeting will be held on Thursday December 23 11:00am.