

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.

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.