

CAE Research Project Meeting Minutes

11/11/2021

- Participants
 - o Dr. Soundararajan Ezekiel (Co-PI)
 - o Zaryn Good
 - o Franklin May
 - o Ryan Gress
 - o Sky Semone
 - o Alicia Deak
 - o Cassie Lefever
- Meeting started at 3:00 p.m.
- Unanimously approved minutes for meeting on November 2, 2021
- Main Points
 - o Discussed:
 - Maria & Cassie
 - Remerged all the CSV files for the IoT23 dataset.
 - Restarted preprocessing for IoT23 dataset.
 - Alicia & Sky
 - Rearranged content in the Titan.
 - o Data files are being moved into Storage 6 to save space on Titan.
 - Gathering content for report.
 - o Discussed writing the entire report, which will be sent to Dr. Farag when done.
 - Zaryn & Sky
 - Increase the speed of data to image conversion to factor of 30.
 - Converted more data to images.
 - Ran DCNN on KDD to compare to XGBoost.
 - Reviewed Matlab codes with Dr. Ezekiel.
 - Franklin
 - SVM is mostly working but there has not been much time to run it on the Titan since it has been busy.
 - Ryan
 - Found what the issue was with why he was getting the same results with XGBoost on ToN-IoT dataset.
 - o Tasks:
 - Maria & Cassie
 - Put documentation within your code so that anyone else could look at it and understand it.
 - Finish preprocessing IoT23 dataset and run through XGBoost to get results.
 - Alicia

- Create one XGBoost file that everyone will use to process their results.
 - Continue to clean up the Titan and the report
- Zaryn & Sky
 - Put documentation within your code so that anyone else could look at it and understand it.
 - Discuss DCNN and goals with Franklin for the abstract.
- Franklin
 - Put documentation within your code so that anyone else could look at it and understand it.
 - KDD dataset will be rerun through the new XGBoost script.
 - Clean up code.
- Ryan
 - Put documentation within your code so that anyone else could look at it and understand it.
 - Take your code from your personal machine and put it onto the Titan
- Adjournment at 3:45 p.m.
- Next meeting will be held on Thursday November 18 at 3:00 p.m.