

CAE Research Project Meeting Minutes

3/25/2021

- Participants
 - Dr. Waleed Farag (PI)
 - Dr. Soundararajan Ezekiel (Co-PI)
 - Dr. Xin-Wen Wu (Co-PI)
 - Cassandra Lefever
 - Alex Robbins
 - Maria Balega
- Meeting starts at 4:30 p.m.
- Unanimously approved minutes for meetings on March 11 and March 18, 2021
- Main Points
 - Updates:
 - Alex
 - SPIE paper got submitted and passed quality check
 - Cassie and Maria
 - Datasets – CRAWDDAD, IoT23
 - Tasks:
 - Alex
 - Meet with Dr. Ezekiel tomorrow to discuss next steps for the project, get DCNN running
 - Select and clean up two moderate sized files (one benign, one malicious) from the dataset that Cassie shared, IoT23, on Titan
 - Maria
 - Research the IoT23 dataset a bit more, try to get a clear understanding of it, work with Alex so he can clean up the data
 - Cassie
 - Tasks on hold until Monday
 - We want to focus on three of the eight algorithms we talked about so far
 - GAN, autoencoder, DCNN, wavelet, ...
 - We also need to pick a dataset to use for each of the three – for now we are using IoT23
 - April 10th and 17th
 - We have a workshop, please keep these dates open, more details coming soon
- Adjournment at 5:15 p.m.
- Next meeting will be held on Thursday, April 1, 2021 at 4:30 p.m. via Dr. Farag Zoom room.