

CAE Research Project Meeting Minutes

1/12/2021

- Participants
 - Dr. Waleed Farag (PI)
 - Dr. Soundararajan Ezekiel (Co-PI)
 - Dr. Xin-Wen Wu (Co-PI)
 - Ethan Buhl
 - Cassandra Lefever
 - Alex Robbins
- Meeting starts at 11:05 AM
- Unanimously approved minutes for meeting on January 5, 2021
- Main Points
 - Updates:
 - The replacement parts have been ordered for the Titan machine; it should be ready by Friday.
 - SPIE conference – students will need to work on the papers, PowerPoint slides, and a video explanation for the submitted abstracts. Dr. Ezekiel will advise students on next steps for this.
 - Update on dataset:
 - Alex – worked on feature extraction from raw PCAP files
 - Update on Vtech thesis for embedding network information.
 - For next time: Dr. Ezekiel will find the notes on One-Hot encoding from previous research and send these to Cassie to complement her work.
 - Cassie - Also, try to get a better understanding of the IP embedding that was being done in the paper.
 - Ethan and Alex: While we are waiting for the machine to be repaired, Dr. Wu will send a link to a resource we can use to start training an algorithm. Try to download/run some algorithms for next week.
 - GenCyber Camp for Middle and High School Students:
 - Students in the project will help by creating/co-hosting Zoom sessions, monitoring Zoom sessions, providing technical support for individual students, etc.
 - Sessions will be held:
 - February 6, 7, 13, 14, 20
 - 9 a.m. to 3 p.m.
- Adjournment at 12:15 PM
- Next meeting will be held on Tuesday, January 19, 2021 at 2:00 p.m. (via Dr. Farag Zoom room) pending approval from Dr. Ezekiel.