

CAE Research Project Meeting Minutes

12-22-2022

- Participants
 - Dr. Farag (PI)
 - Dr. S. Ezekiel
 - Dr. Wu
 - Drew Rado
 - Emily Himes
 - Maria Balega
 - Sky Semone
 - Zaryn Good
- Meeting started at 3:00 pm
- Unanimously approved minutes for meeting on December 15th, 2022

Main Points:

- **Progress report**
 - Drew got BYOB web-gui working and did a live demonstration.
 - Drew's latest dataset had 350,000 data points and is collecting more
 - He is working on collecting more malicious data
 - Dr. Farag mentioned that we should have a balanced dataset with equal parts malicious/benign this means we either need to collect more benign, or cut down the malicious data.(binary 1million/1million data split)
 - Sky is back after missing the last two meetings.
 - Helped Drew with updating the Arduino code for the last few weeks.
 - Zaryn is back from vacation, talked to maria about the paper.
 - Maria was working on the paper writeup
 - Emily was working on documentation
 - Dr. Farag said to make sure all of our content is on the OneDrive, since Emily is doing a great job at organizing/improving it.
- **Discussion points**
 - Data visualization: Dr. Ezekiel that data visualization and statistical analysis are important for the final report.
 - Dr. Farag said that data visualization will be an important part of the study and this should be explored while data collection is going on.
 - Dr. Wu is currently reviewing the paper and said that current changes look much better
 - He has some other minor changes that will make the final version of the paper much better.
 - Update on TON IoT dataset paper: Dr. Ezekiel has had no communication with Alicia, but she sent some material to Maria.
 - If she does not respond, it should be assigned to someone else
 - **Meeting time updates!**
 - Next meeting: Thursday the 5th at 2PM.
 - The following meeting will be Wednesday 11th during the common hours.
 - Remember to put in hours on eTime for the next week since there will be no meeting.
- **Tasks:**
 - Drew: continue collecting malicious data
 - Sky: finish up python malicious data code and help Drew implement it
 - Work on stats/data viz codes if time permits
 - Zaryn and Maria: work on paper
 - Emily: continue working on documentation and OneDrive organization.
 - Adjournment at 3:35

Next meeting will be held on Thursday, Jan 5th at 2:00 pm