CAE Research Project Meeting Minutes
3-22-2023

- Participants
  o Dr. Farag
  o Dr. Ezekiel
  o Zach Keyser
  o Maria Balega
  o Drew Rado
  o Zaryn Good
  o Emily Himes
  o Hector Linarez
  o Sky Semone
  o Kurtis Johnson
  o Bryce Salyers
  o Samuel Rocco

- Meeting started at 11:15 AM
- Unanimously approved minutes for meeting on Mar 8, 2023.

Main Points:

- Progress report
  o Maria: working on the Scholar’s Forum poster and finalizing IEEE Access paper.
  o Drew: working on revising paper with Sky’s revisions.
    ▪ Modified DDoS data, issues with randomization to attack ports.
    ▪ Going to modify the router to multiple subnets to create more diversity.
  o Sky: worked on revising Drew’s paper and helping with poster.
  o Zaryn: sent DCNN results to Maria and sent information to Drew.
  o Emily: met with Sky about data visualization and working on GenCyber.
  o Zach: worked with Drew to learn about data collection.
  o Hector: working on updating excel sheet of potential journals.

- Discussion points/Comments
  o Report progress before meetings and push forward to finalize this project.
  o Goal to finish project before finals week.
  o Students graduating need to hand over their work to new students who will take over.
  o IUP Scholar’s Forum poster due Friday.

- Tasks:
  o Drew: continue working on data collection, work on Scholar’s Forum poster, and revising paper.
  o Maria: Work to finalize paper and send to Dr. Wu, help with poster, continue training XGBoost/SVM as new data comes.
  o Sky: continue working on data visualization with new data, continue helping with Drew’s paper and data collection.
  o Zaryn: work on helping with Scholar’s Forum poster.
  o Emily: continue working on documentation and working with Sky on data visualization.
  o Zach: continue helping Drew with assigned tasks.
  o Hector: continue looking into journals.

Adjournment at 11:45. Next meeting will be tentatively held on Wednesday, March 29th at 11:10 AM