CAE Research Project Meeting Minutes
3-22-2023

- Participants
  - Dr. Farag
  - Dr. Ezekiel
  - Zach Keyser
  - Maria Balega
  - Drew Rado
  - Zaryn Good
  - Emily Himes
  - Hector Linarez
  - Sky Semone
  - Kurtis Johnson
  - Bryce Salyers
  - Samuel Rocco
- Meeting started at 11:15 AM
- Unanimously approved minutes for meeting on Mar 8, 2023.

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

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

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

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