CAE Research Project Meeting Minutes

2/16/2022

- **Participants**
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Dr. Xin-Wen Wu
  - Zaryn Good
  - Maria Balega
  - Franklin May
  - Ethan Foust
  - Donald Miley

- **Meeting started at 11:30 am.**
- **Unanimously approved minutes for meeting on February 9, 2022**
- **Main Points**
  - Discussed:
    - **ALL:**
      - Poster deadline approaching, each student writing a paper should create a poster, Dr. Ezekiel sent templates
      - GenCyber dates to keep in mind: March 26th, May 7th, June 13-17th
    - **Maria & Alicia**
      - Fixed XGBoost issue, ran IoT-23 using XGBoost and achieved results up to 99.98%
      - Working on IoT-23 paper, all XGBoost information is included
    - **Zaryn**
      - Working on training IoT-23 and KDD data then everything will be ready for testing
    - **Franklin**
      - Met with Ethan to discuss the project
      - Working on KDD paper, methodology is finished

- **Tasks:**
  - **Maria & Alicia**
    - Begin applying for and working on poster, continue working on IoT-23 paper and incorporating SVM and DCNN
    - Meet with Zaryn about DCNN
  - **Zaryn**
    - Meet with Donald to discuss the project
    - Continue training IoT-23 and KDD through DCNN and begin testing, reach out to Ryan about his status on DCNN for ToN-IoT
  - **Franklin**
    - Begin applying for and working on poster, continue working on KDD paper and working on results/ conclusion sections
  - **Ethan**
• Meet with Ryan to get informed about his progress with the paper and ToN-IoT, keep in touch with Dr. Ezekiel
• Adjournment at 12:10 pm.
• Next meeting will be held on Wednesday February 23 at 11:30 am.