CAE Research Project Meeting Minutes
12-2-2022

- Participants
  - Dr. Farag (PI)
  - Dr. S. Ezekiel
  - Dr. Wu
  - Drew Rado
  - Emily Himes
  - Hector Linarez
  - Maria Balega
  - Sky Semone
  - Zach Keyser
  - Zaryn Good
- Meeting started at 6:00 pm
- Unanimously approved minutes for meeting on November 25th, 2022

Main Points:

- **Progress report**
  - Drew and Sky modified all of the sensors to use UDP, with a listening device acting like a data collection server.
    - Was able to make this as we talked about in the previous meeting
    - Currently running data collection.
    - Predicted that we will have 100,000's of lines of data collected over the weekend
  - Maria has been working on her paper, and has also been working with Alicia to finish up that work
    - Reported that Alicia should be done with the paper soon, and has been running her code for verification
  - Zaryn helped Maria with writing.
  - Emily has distilled the meeting minutes into a comprehensible document that can be used to explain our data.
  - Hector researched how to capture network data
  - Zach researched other programs that can be used for network data
- **Discussion points**
  - Dr. Farag mentioned that there were 4 classifications for IoT23 data, and that it would be great to have the malicious data contained in our final dataset.
  - Dr. Wu found a few journals/conferences that might be relevant to our research
    - IEEE infoCon
    - International Journal of Comp Sci…
  - Dr. Farag reminded that we should expand our documentation on the IoT testbed including examples of everything, photos, etc.
- **Tasks:**
  - Sky and Drew will work on malicious data
  - Zaryn should finish up writing paper with Dr. Wu, incorporating the changes he requested.
  - Maria should keep in contact with Alicia and get ready for ML data.
  - Emily should continue working with Drew on documentation.
  - Hector and Zach should continue looking into gathering network data and helping out as needed

Adjournment at 6:35
Next meeting will be held on Friday, December 9th at 6:00 pm