

# CAE Research Project Meeting Minutes

1/21/2021

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Dr. Xin-Wen Wu (Co-PI)
  - Ethan Buhl
  - Cassandra Lefever
  - Alex Robbins
- Meeting starts at 5:00 p.m.
- Unanimously approved minutes for meeting on January 12, 2021
- Main Points
  - Updates:
    - Alex Update on h2o scripts: Kmeans are running for all CSV files, PCA runs on Xbee\_Normal only
    - Ethan: ran scripts and started looking into tutorials on h2o AutoML
    - Meeting with Dr. Pearlstein, Dr. Ezekiel, and Casey:
      - Looked into IP2vec – Dr. Pearlstein does not believe this method is useful for us, recommended converting IP addresses to latitude/longitude – APIs exist to help with this
  - Tasks:
    - Cassie – for now, continuing to investigate the alternate approaches that Dr. Pearlstein recommended for encoding
    - Ethan – look through the h2o and AutoML documentation to find more details on the output interpretation
    - Tomorrow, Friday, Dr. Ezekiel, Ethan, and Alex have to meet to discuss the outputs of the algorithms and start on next steps. Cassie can join too if not busy.
  - GenCyber Camp for Middle and High School Students:
    - **Meeting for student event helpers will be held on Sunday, January 24, 2021 tentatively at 10 a.m.**
    - They will be oriented during the meeting on their duties for the camp sessions.
    - Students in the project will help by creating/co-hosting Zoom sessions, monitoring Zoom sessions, providing technical support for individual students, etc.
    - Sessions will be held:
      - February 6, 7, 13, 14, 20
      - 9 a.m. to 3 p.m.
- Adjournment at 6:00 p.m.
- Next meeting will be held on Thursday, January 28, 2021 at 4:30 p.m. via Dr. Farag Zoom room.