CAE Research Project Meeting Minutes

Thursday December 23, 2021

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel (Co-PI)
  - Dr. Xinwen Wu
  - Zaryn Good
  - Franklin May
  - Alicia Deak

- Meeting started at 11:00am.
- Unanimously approved minutes for meeting on December 16, 2021
- Main Points
  - Discussed:
    - Maria
      - Need to remove the NaN values to run through SVM
      - Organize OneDrive folder to contain any links (in a wordpad) of sites referenced. If possible, include the papers referenced
    - Alicia
      - Create the scatter plot function for SVM
      - Copy codes from titan to removeable drive
    - Zaryn
      - Figure out why the current dataset is running 1,000 images/hr instead of 20,000/hr.
      - Continue running the IoT23 dataset
    - Franklin
      - Send the graphs with a short description for each graph to Dr. Farag
      - Update the report on the one drive
    - Ryan
      - Run the multiclass through SVM.
      - Compare the results with the papers

- Tasks:
  - Maria
    - Need to remove the NaN values to run through SVM
    - Organize OneDrive folder to contain any links (in a wordpad) of sites referenced. If possible, include the papers referenced
  - Alicia
    - Copy codes from titan to removeable drive
    - Use the temp files from IoT23 and create a smaller distribution for the DCNN
  - Zaryn
    - Run the smaller subset of the IoT23 dataset.
  - Franklin
• Work with Zaryn on the DCNN report.
• Alicia, Zaryn, Franklin will meet to discuss DCNN and the code
  • Ryan
    • Compare the datasets through various SVM kernels and in a file.
    • See Franklins for an example.
• Adjournment at 11:50am.
• Next meeting will be held on Thursday January 6, 2022 11:00am.