Final Project-CIS694/EEC693 Deep Learning

Submission Style: on Blackboard, due: 11:30pm of May 6th, 2025

No late submission after 11:30pm of May 6th, 2025

*Each group needs to write a* ***4-full-page report (not including the reference) using the given template*** *and submit it via Blackboard system.*

Build your team: 1-3 students for one group.

1. One report for one group: If there is more than 1 student in the group, the group just needs to submit one report. Please put the names of all team members on the report.
2. The project topic can be defined by yourself based on your interest. But it must be related to deep learning or machine learning. Other not-related topics will not be accepted with very poor grading, such as Software Development, APP Development, Database, Operating System, Engineering Problems, etc.
3. We will check the methodology (20%), presentation (40%), and report writing (40%) for grading.
4. Pure applications without self-modification or self-design, for example, applying CNN to classify some image classes, applying Faster R-CNN to detect some objects, applying FCN to segment some objects, will receive poor grading, for example: methodology (5%).
5. A video demo (<30 MB) is required to be shown in the final submission.
6. Bonus points (5%-10%) will be given for excellent and solid research work.
7. A file to be submitted finally on Blackboard: a zipped file including 1) presentation file, 2) source code, 3) final report, 4) video demo (<30 MB).
8. Copying, cheating from some online publications, internet sources without reference citation for the report writing will lead to “F” as the final grade.