

Project Proposal

Name: Darren Anco (Captain)

netid: danco2

Competition

- Text Classification

I am prepared to learn state-of-the-art neural network classifiers for this project.

Neural Network Classifiers and Frameworks

Some neural network classifiers that I have heard of are:

- AlexNet
- VGGNet
- GoogLeNet
- ResNet
- ResNeXt
- DenseNet

I have used AlexNet before in MPs for other classes. For the rest, I learned about their structures and features from CS 498DL, but I have not used them in any projects.

For frameworks, I have used:

- PyTorch
- Tensorflow

I have a decent amount of experience with both of these frameworks. I have used them before in CS 440, CS 498DL, and CS 498AML. I have also worked with these frameworks on various projects outside of class.

Programming Language

For this project, I plan to use python.