

Project Proposal
CS410 Fall 2020

What are the names and NetIDs of all your team members? Who is the captain? The captain will have more administrative duties than team members.

I will be working on this project by myself. As the only team member I will be the captain.

Name: Christine Frandsen

NetID: cf16

Which competition do you plan to join?

I am planning to join the text classification project

If you choose the classification competition, are you prepared to learn state-of-the-art neural network classifiers? Name some neural classifiers and deep learning frameworks that you may have heard of. Describe any relevant prior experience with such methods.

Yes, I am excited to learn more about state-of-the-art neural network classifiers. Some neural classifiers I am looking at are the perceptron network, a simple model to set a baseline, an extreme learning machine (ELM) network, and a support vector machine (SVM), although this is not generally considered a neural network. I have had a few experiences with perceptron networks and SVMs and am eager to expand my knowledge to other neural network classifiers. In terms of deep learning frameworks I have worked a little bit with TensorFlow and Keras, but am a little rusty. I am hoping to incorporate those as well as potentially bringing in PyTorch as well.

Which programming language do you plan to use?

I plan to use Python for this project.