

CS 410 Final Project Proposal – Team1

1. 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.

Captain: Yanghui Pang (yanghui2)

Member: Changcheng Fu (cf7), Jiaying Li (jl63)

2. Which competition do you plan to join?

Text Classification Competition

3. If you choose the IR competition, are you prepared to learn state-of-the-art IR methods like query expansion, feedback, rank fusion, learning to rank, etc.? Name some more concrete methods or tools that you may have heard of. 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.

We choose the text classification competition, and we are prepared to learn state-of-the-art neural network classifiers. Some neural classifiers that we heard of are the MLP classifier and Keras Neural Network Classifier. We also heard of deep learning frameworks such as PyTorch, TensorFlow. However, none of us have any relevant prior experience with such methods except mp assignments written in CS440: Artificial Intelligence.

4. Which programming language do you plan to use?

Python