**Thesis proposal**

Description

I will train a document classifier to detect “types” of partisan news using long term - short term memory neural networks. Then, I will create a web interface for human usability that uses a form to send article text to the trained neural network model, and returns a graphical representation of the results.

Milestones

1. *Start literature survey* (2.1) – Summarize relevant work.
2. *Build a couple simple examples* (2.15) – Follow tutorials and examples to understand workflow.
3. *Scrape my dataset* (3.1) – Target Fox News, and Vox News.
4. *Train on various NN specs* (4.1) – RNNs, LSTMs, etc.
5. *Decide the best and check for robustness* (5.1)