HON 451 Schedule and Course Outline

Summer: Student will continue collecting data from Congress members and celebrities, with the goal of eventually having upwards of one-hundred thousand data points. Student will conduct research into Support Vector Machines, Hidden Markov Chains, and Conditional Random Fields, with the intent to begin designing an aspect-based sentiment analysis layer for combination with the currently operating algorithm.

Week 1: Complete testing of the aspect-based sentiment analysis layer. Begin construction of a complete documentation for all source code using the PythonDocs library.

Week 2:

Week 3:

Week 4:

Week 5:

Week 6:

Week 7:

Week 8:

Week 9:

Week 10: Begin writing up paper summarizing the work done on the classification system as a whole and discussing the hypothetical implementation of said algorithm on a domestic and global scale.

Week 11:

Week 12: Student should have a rough draft of the final paper prepared for both of the thesis committee members.

Week 13:

Week 14: Turn in final draft of the course’s final paper, as well as all the final source code and documentation.

Things To Complete:

* Aspect-Based Sentiment Analysis Layer
* Machine Learning Layer (If Needed)
* Final Paper & Research
* Code Documentation
* Project Presentation
* Project Defense
* Combine Layers to Complete Full Classifier
* State Classifier