Project 1 for CS421 – University of Illinois at Chicago

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---------------------------------------------------------Setup------------------------------------------------------------

In the *execution* folder, give the following command on your command prompt terminal (Linux):

*sh run.sh*

Alternatively, you can give the following command (in either Windows or Linux):

Please install required libraries using the following commands:

*pip install nltk*

*pip install stanfordcorenlp*

The program requires Stanford coreNLP server running on port 9000. If your version of Stanford coreNLP doesn’t work properly. Please use version 3.8.0 from [here.](https://stanfordnlp.github.io/CoreNLP/history.html)

In the *execution* folder, give the following command on your command prompt:

*python main.py*

--------------------------------------------------------Technique--------------------------------------------------------

1. Length of Essay:

First we get the sentences by applying nltk sent\_tokenize on

1. Spelling Mistakes
2. Syntax/Grammar
3. Subject-Verb Agreement
4. Verb Tense

A brief explanation of how you exploited POS tagging (and any other strategies used) to evaluate the essays. Also state some patterns of errors that you found.

To do:

Add nltk download statements