Introduction to my research in NLP

I am fascinated by Natural Language Processing, fortunately one professor in my college was working with some students on text generation. I was able to contact the professor and eventually got his approval to work on a small research project (in python). With a friend we tried using first and second order Markov chains as well as n-grams to generate plausible text. We used these techniques to build a transition matrix that we then couple with a label matrix to output text depending on the probabilities in the transition matrix. We did not get to finish the project but a version of the algorithm using a first order Markov chain is available on my GitHub account ([research](https://github.com/allarassemjonathan/Achilles/blob/main/hw4completed.py)).