

12 Week Senior Research Plan

Week 1 - Gather info on how to train an LLM. TAKE NOTES. Write 4 pages. Abstract and Introduction(ask Scarlato about problem statement and research question section)

Week 2 - Begin training LLM with very basic base code. Gather documents/datasets around allergy identifiers. Write 4 pages(Literature review)

Week 3 - Keep working on LLM. By now, I should be able to know how to feed through the documents found from the week prior. Try creating one question to test possibly. Write 4 pages

Week 4 - Create at least one question to test and make sure the data is being read through and responded to correctly. Write 3 pages(Methodology)

Week 5 - Spring break/Greece Trip

Week 6 - Create at least 3 more questions for the ai to respond to. If possible, try and get up to 10. Write 3 pages(Data collection)

Week 7 - Finish coding all questions for the AI to respond to. Write 3 pages

Week 8 - Begin work on implementing AI into web app. Deploy by the end of week and begin work on survey. Write 3 pages

Week 9 - Finish survey and send out survey to Stetson students and University of Florida. Gather time complexity and space complexity data(removing questions as I test to see a potential difference) Write 3 pages

Week 10 - Gather information on modern day allergy methods and compare. Finish up with a rough draft. Start work on presentation. Write 3 pages

Week 11 - Review all survey, space and time complexity, and comparison data. Rewrite paper for final draft. Finish presentation powerpoint.

Week 12 - Presentations. Final draft due.