

Brief Introduction

The topic of my research paper is implementing AI doctors in hospitals. I have always been interested in developing methods to make processes and systems more efficient, so the general idea of my paper was already clear to me from the start. I specifically chose the topic of AI because of how rapidly AI has dominated and revolutionized many different processes in work sectors. After researching about the applications of AI using numerous peer-reviewed articles, I have narrowed down my topic of interest to focus on implementing AI doctors in hospitals.

In this paper, I will argue that implementing AI doctors to diagnose and treat patients in hospitals is beneficial to both healthcare workers and patients. Healthcare systems have always been an extremely important part of our lives as humans, so making sure they are efficient and productive as possible is necessary. Although modern healthcare systems have become significantly more efficient over the years, the capabilities of healthcare workers are still limited. By using AI, we can push the limits of the capabilities of the healthcare systems.

The audience of my paper are those that believe that AI is too unpredictable and dangerous to use when it comes to diagnosing and treating patients. I argue that although there might be some concerns regarding implementing AI doctors, the advantages far outweigh the disadvantages. Researchers have been using AI to diagnose and treat patients in various medical specialties, such as gynecology, cardiology, and neurology, and the results have been overwhelmingly in favor of AI.

The current concerns I have with writing this paper is making sure my paper is coherent. The field of AI and healthcare are both very broad meaning that I will need to be thoughtful when integrating sources into my research paper.

Commented [PMM1]: Another analogous situation is AI for pilots/aircraft

Commented [PMM2]: Including education – as we will see with Auto-Peer

Commented [PMM3]: And save lives during pandemics 😊

Commented [PMM4]: We cover that IN GREAT DETAIL soon 😊

Commented [PMM5]: GREAT start ... you'll be using so much of this in the next assignment 😊

References

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Planning

This semester, I am taking a total of five courses: ENG204 (Advanced Academic Writing), MTH104 (Calculus II), PHY102 (Physics II and Lab), CMP120 (Programming I), and NGN111 (Introduction to Statistical Analysis). This plan includes midterm dates and what I will

be accomplishing that week for this course. I also have weekly quizzes across most of my courses, so I will take those into account when assigning tasks every week.

Week 4	I will begin searching for sources relevant to my topic and summarizing them. I will also organize an outline to determine the structure of the research paper for my proposal.
Week 5	PHY102 Midterm on Tuesday February 15th This week I will begin writing my research proposal and studying in advance for my upcoming midterms to get ahead. I will also continue to search for sources relevant to my topic.
Week 6	MTH104 Midterm on Thursday February 24th I will use this week to finalize my research proposal, critiquing sources, and begin working on my draft. I have multiple midterms to be studying for so I will not be able to allocate much time to writing my research paper.
Week 7	CMP120 Midterm on Monday February 28th This week will be used to continue working on the draft by developing the arguments in the body paragraphs of the paper. I will use the plan I created in my research proposal to organize the order in which I will write the paragraphs.
Week 8	PHY102 Midterm on Tuesday March 8th This week will be used to link the arguments made in the research paper to the sources collected in earlier weeks.

Week 9	I will begin planning the progress report and continuing to work on the draft. I will also continue to integrate more sources and consider any comments made from the peer review to improve my paper.
Week 10	NGN 111 Midterm on Tuesday March 22nd I will continue to work on the progress report and research paper this week.
Week 11	This week is off due to spring break so I will use this week to try and get ahead in writing the research paper as I have multiple midterms in the following weeks.
Week 12	I will use this week to continue working on the draft and using the peer review to revise and edit my draft.
Week 13	MTH104 Midterm on Thursday April 14th PHY102 Midterm on Thursday April 13th I have two important midterms this week so I will be unable to spend much time on writing my research paper. I will use this week to revise the main points of my research paper
Week 14	CMP120 Midterm on Monday April 18th After completing my final midterm of the semester, I will use the rest of the week to finalize my research paper. This week will be spent revising and rereading my paper to check that the paper is coherent. I will also try to meet with the writing center for a final review.

Week 15	I will submit my final research paper after reviewing and considering any comments I received from my professor, peer review, and writing center.
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