**CS1571 Intro to Artificial Intelligence**

**Study Guide Assignment**

**Pre-Meeting Questionnaire**

This form is to be filled out and submitted on Gradescope prior to your meeting with the instructor.

Name: Connor Johnson

Topic: Applications of AI

1. What were the key ideas of the topic?
   * The main key ides for this topic involved application of AI especially in education.
   * Another idea was the shortfall of AI and where it can make mistakes
   * Finally, the ethics of AI use was discussed
2. What was most confusing about the topic?
   * I found the ways AI would find unexpected and incorrect solutions when seemingly implemented correctly to be the most confusing part of the topic
3. What are some potential examples you could include to better illustrate the topic’s ideas?
   * An example for the first topic would be an AI that asks students questions about a topic. Using probability, the AI could then predict based off the answers to the questions what the student has learned.
   * An example of AI having unintended errors is when an AI was used to learn how to walk. The AI found a way that involved going backwards and frequently falling over to move. The AI found a way to move within the bounds of the simulation but it wasn’t the expected result of a human walking.
   * An example of ethics would be if an error occurred that caused unintended consequences to someone else, who is responsible for damages? Or at what success rate is an AI ready to be used even though it may cause unintended damages.
4. What is one example of a practice problem you could ask about the topic?

What could be some unintended consequences of the educational AI described in question 3?