



# HOMEWORK

UNIVERSITY OF SOUTH CAROLINA

COMPUTER SCIENCE AND ENGINEERING

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## **CSCE 580: Artificial Intelligence**

### AI Essay

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*Author:*

Your Name (ID: Your USC ID)

Release Date: April 14, 2019

**Due Date: Monday March 11, 11:59 pm**

**Ethics of AI** Write an essay on “what is the most important ethical issue/challenge that we need to address before creating the first instance of Artificial General Intelligence (AGI)?”

- Write in this LaTeX template
- Write up to a maximum of 1000 words
- Make sure you reference related materials/papers/articles
- This homework is **mandatory for graduate students**, while it is optional for undergrads
- Undergrads will get bonus points if submit this homework
- Please only focus on one ethical issue that is most important to you and elaborate on why we need to address this important issue — more specifically, you need to elaborate on intuitions behind your reasoning.
- I would recommend reading the following articles before start writing your own essay: [1, 4, 3, 2]
- The aim is not to write a comprehensive list of ethical issues as others, such as Nick Bostrom, have currently published about such foundational topics. However, I want you to write this essay from your own unique perspective, elaborate on your thoughts, provide examples, and use your own intuitions.
- You are free to discuss this with other classmates (and I would encourage it), but you need to turn in your own writing.

## References

- [1] N. Bostrom and E. Yudkowsky. The ethics of artificial intelligence. *The Cambridge handbook of artificial intelligence*, 1:316–334, 2014. pages 2
- [2] M. R. LaChat. Artificial intelligence and ethics: an exercise in the moral imagination. *AI Magazine*, 7(2):70–70, 1986. pages 2
- [3] S. Russell, S. Hauert, R. Altman, and M. Veloso. Ethics of artificial intelligence. *Nature*, 521(7553):415–416, 2015. pages 2
- [4] J. Taylor, E. Yudkowsky, P. LaVictoire, and A. Critch. Alignment for advanced machine learning systems. *Machine Intelligence Research Institute*, 2016. pages 2

REPLACE ME WITH YOUR ESSAY