CS182 Final Reflection Assignment

Due: 11:59pm (Pacific Time) on March 16th. You should submit this assignment on Gradescope.

Please write two short reflection essays. Each essay should be 500-750 words.

- The first essay is required for everyone.
- For the second essay, you should choose one of the two prompts (#2 and #3) below.

For citations, use any style you would like but remain consistent throughout. When citing lecture materials, cite the lecture date (Lecture, 2/17) in-line or as a footnote depending on your citation style.

Essay #1 (Required)

1. Please review the ACM Code of Conduct that we discussed at the beginning of the class. Review it in light of our discussions over the course of the quarter.
   - What are three significant changes or additions you would make to the substance of the ACM code of ethics?
   - When and how should technologists first be introduced to and agree to the code? What consequences, if any, should there be for violating it?

Essay #2 (Please select one of the options below.)

2. In this class, we saw numerous examples of how the impacts of particular technologies are not distributed equitably across different populations, notably by race, gender, and socio-economic status, and in fact reflect or reproduce disparities in evidence in other contexts. Using examples from class (lectures, sections, and/or the readings) argue for two interventions that you think are among the most important in promoting more inclusive outcomes in the design and/or deployment of the technologies they develop.

3. The enthusiasts of blockchain and its radical potential for displacing intermediary institutions sound like the early hackers and computing enthusiasts who created the internet and authored the Declaration of the Independence of Cyberspace. Perhaps the work they are doing will prove just as consequential in terms of launching technologies that change how we do just about everything. But the question we confront with this new wave of technological change is whether, given our awareness of the potential harms, we should approach this next wave of innovation differently. Take one use case where blockchain has enormous promise but also risks, and offer your view on how we might realize the benefits of this new technology while mitigating the potential harms. You can offer perspectives that emphasize design choices in the technology itself, trust and safety kinds of policies, or efforts by government to build guardrails into the system.