

CS 280 Midterm Exam: D. Hepting
March 3, 2020, 14:30– 15:45, CL 130

This is a closed book exam. You must maintain the confidentiality of your examination; do not provide any opportunity for others to copy any of your work. Electronic devices are NOT permitted during the exam. Please turn off and put away all cell phones and other electronic devices during the exam period.

ANSWER ALL QUESTIONS. All answers must be written on this exam in the space provided. You may use, for rough work, the areas outside answer spaces. You have 75 minutes to complete the exam. Please plan your answers, favour quality over quantity, do not exceed the space provided, and do your best to write legibly. QUESTIONS ARE ON BOTH SIDES OF THE PAPER.

This exam contributes 15 percent towards your final grade. There are 24 marks total on this exam. Questions 1-8 are worth 2 marks each and Questions 9 and 10 are worth 4 marks each. Good luck.

Name (printed): _____

Student Number: _____

Signature: _____

1. For computer professionals in particular, what is the relationship between judgement and analysis?

2. Do computer professionals require empathy? Briefly explain.

3. Identify 2 potential issues with my request that you send me a picture of yourself with your completed CS-280 name card.

4. Give an example of when a computer does not require enough work from a user (discussed in-class as one of Raskin's laws). Are there any potential consequences?

5. What is your most important takeaway from the ACM's 2018 Code of Ethics?

6. What does the *IowaReporterApp* say about computer professionals and professionalism?

7. Why is trust in science different from an appeal to authority?

8. What does the koan “It’s All Just Bits” say to you?

9. Should we be collecting all of *that guy’s* data to make his experiences better and to protect ourselves in case he's up to no good? Or should we leave him alone?

10. Do computer professionals have responsibilities that go beyond writing code that works?
