

|CS280-001 Midterm 2015-10  
D. Hepting  
Thursday, February 12, 2015  
ED 230 14:30-15:45

Answer all questions in the exam booklet. Fill out the front page of the exam booklet with your name and student number. Return this sheet with your exam booklet. Fully answer the questions that you choose and clearly indicate which questions you have chosen. Remember that I value quality over quantity in your answers. Strive for clarity in your answers and in your writing. Enjoy your break.

**Choose 5 of 8 questions, 5 x 6 marks = 30 marks**

1. Can computer professionals rely on technical feasibility to make moral decisions? Do computer professionals need a “moral operating system” and use it to make these decisions or are others better qualified to make such decisions?
2. Does Target’s information system, which we discussed in class, serve the public interest? Explain.
3. Do you think that having all citizens learn to write some code will help them to understand the risks and rewards of computers in today’s society? Explain why or why not.
4. What is the most important role for computer professionals now and going into the foreseeable future? Explain.
5. What does it mean if “more of the same can be a whole new thing”? Explain the possible implications.
6. In what area do you see the most potential to influence the use and impact of technology, to “change the game” as Steve Jobs said?
7. We have discussed the issue of “bringing a knife to a gunfight” with the requirement for companies to disclose how they will use our information. We have talked about ways to better arm ourselves. What do you see as the implications of “everyone” using these weapons? What might happen?
8. What are the implications of bits being everywhere, making up the images recorded by our cameras, and the sounds recorded by our microphones?