CMSC 304 Fall 2014
Ethical Analysis

History of Computing

RJ4 & RJ5 Tuesday & Sunday
Ethical Analysis #1 due Oct 1 AND Oct 5
Bookkeeping

- Anonymity vs. privacy (vs. “anonymity”)
- First vs. full names
- Ethical Analysis 1
  - Due October 5th
  - Draft due October 1st
- RJ4: App Development
- Group work today
  - Discuss History of Computing
  - Go over ethical analysis assignment
Movie Day

- Computer History in 90 Seconds
  - https://www.youtube.com/watch?v=wfU___GMMJw

- Pre-Computing and Today: Abacus Action
  - https://www.youtube.com/watch?v=wliDomlEjjw

- World War I: Breaking the Code clip
  - http://www.youtube.com/watch?v=gV67Sj2jkVg

- World War II: ENIAC / “Top Secret Rosies”
  - http://vimeo.com/24993772

- Making History Today: Self-Driving Car
  - http://www.slate.com/blogs/future_tense/2012/03/29/google_s_self_driving_car_takes_a_blind_man_to_taco_bell_video_.html
Discussion Questions

- Is the advent of the smartphone in the ’10s the same kind of revolution as the PC in the ’80s? What are the similarities and differences?

- Quiz: In 85 years, how many Women of the Year do you suppose there have been?
  - (Don’t even get me started about “Susie.”)

- “The most visible aspect of the computer revolution, the video game, is its least significant.” True?

- What’s your prediction for the next big technology revolution?
In 1982, there were 1450 databases in the US. How many do you think there are now?

“‘You cannot rely on being able to find what you want [on the Internet],’ says Atari’s Kay. ‘It's really more useful to go to a library.’”

Enter Google, stage left. (Actually, Yahoo first…)

How many typos did you find in the Time article?

Will MOOCs make the traditional classroom obsolete in the not-too-distant future?
Ethical Analysis Assignment

- Follow Analysis Framework for planning
- Turn in actual, complete, written work
- Grading rubric is posted!
- From the last class exercise:
  - Deontology vs. Consequentialism vs. Analysis Framework
Group Work

- Ethical Analysis Assignment
  - Read it and make sure you all understand it
  - Flag us down with questions/comments
  - I will post updates.

- Computer History Discussion
  - How did living through the computer revolution feel?
  - How did these histories differ from your guesses?
  - Is the advent of the smartphone in the '10s the same kind of revolution as the PC in the '80s?
  - What are the similarities and differences?
  - What's *your* prediction for the next big technology revolution?
  - How have societal standards changed since then?