The Beauty and Joy of Computing

Lecture #12
Social Implications of Computing II
Instructor: Sean Morris

HOW TO INCREASE YOUR ONLINE PRIVACY

This article discusses a surge in consumer demand for tools that increase online privacy: incognito mode, TOR, https, etc

http://www.mercurynews.com/business/ci_23561083/how-increase-your-online-privacy

Overview

- **Privacy**
  - Examples of media stories and lessons learned
- **Intellectual Property**
- **E-Voting**

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Peer Instruction

How much of your personal life do you reveal online?

a) Nothing. I have no online footprint. Google'd find nada.

b) You might find a photo or two of me, not much else.

c) You would find photos & blogs & videos of me if you were my friends or family, not much else.

d) You'd find photos & blogs & videos & tweets, but nothing embarrassing. I filter what I put up.

e) My entire life is visible to the world. I hold nothing back.
Location, videos, etc.
JennyCam has nothing on me.

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Tyler Clementi, RIP

- Student at Rutgers who was cyber-bullied in Sep
  - Filmed by roommate in a sexual encounter (twice)
  - After he found out and complained, and found out it had happened again, he committed suicide
  - The same month, four other teens committed suicide after "bullying"
  - Internet amplification of invasion of privacy
- His roommate was convicted of 15 counts of invasion of privacy, bias crimes and hindering prosecution
  - He served 20 days in prison + 300 hours of community service

UC Berkeley "The Beauty and Joy of Computing" : Social Implications of Computing II (4)

Karen Owen's Powerpoint

- **Student at Duke who documented sexual encounters in PPT**
  - 41 pages, photos and tables and graphs
  - Men are ranked, physical details shared
  - Shared with 3 others
  - Went Viral
- **Lesson**
  - Anything can go viral, permanently

An education beyond the classroom: excelling in the realm of horizontal academics

Karen F. Owen

Senior Honors Thesis
Duke University

Submitted to the Department of Late-Night Entertainment
in partial fulfillment of the requirements for a
Degree in Tempestuous Frolicing (D.T.F.)

May, 2010

MSNBC.com

Ten Principles for Social Media Privacy

1. Your information footprint is larger than you think.

2. There is no anonymity on the Internet.

3. Any information about you on the Internet will be used by SOMEBODY in THEIR interest -- including against you.

4. Communication over a network, unless strongly encrypted, is never just between two parties.

5. Sharing information over a network means you give up control over that information.

6. Anything said on the Internet is open to interpretation, including what you say and what is said about you.

7. The Internet not only duplicates (exponentially) but it never forgets!

8. Just because it can't be found today, doesn't mean it can't be found tomorrow.

9. Identity is not guaranteed on the Internet.

10. Avoiding the Internet doesn't help: Others may post about you.

Peer Instruction (thanks to BH)

Music on your portable player: Where do you get it?

a) I paid to download everything on my iPod

b) I bought everything, either as a download or ripped from CD/DVD

c) I bought most of my music but there are few exceptions

d) I bought a little of my music, but most of it I didn't buy

e) It's all from Limewire / BitTorrent / friends / etc

Intellectual Property

- ## BH:
  - "We're going to make a bargain with creators. We're going to give you a limited time monopoly to profit from your idea in return for sharing your idea with us. … Congress keeps extending the duration of copyright"

  Logo for opposition to CTEA

- ## US Constitution, Article I, Section 8:
  - "The Congress shall have power… to promote the Progress of Science and useful Arts, by securing for limited Times to Authors and Inventions the exclusive Right to their respective Writings and Discoveries."

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Creative Commons

- ## A GREAT way to share / remix / reuse content

  - Legal!
  - Infrastructure that makes it possible

- ## UC Online

  - This issue has come up; they have to find the right one…

BY = Attribution	Share Alike	No Derivs	Non Commercial
CC BY			
CC BY SA	x		
CC BY ND		x	
CC BY NC			x
CC BY NC SA	x		x
CC BY NC ND		x	x

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Peer Instruction

"I trust electronic voting machines & infrastructure."

a) I strongly disagree

b) I disagree
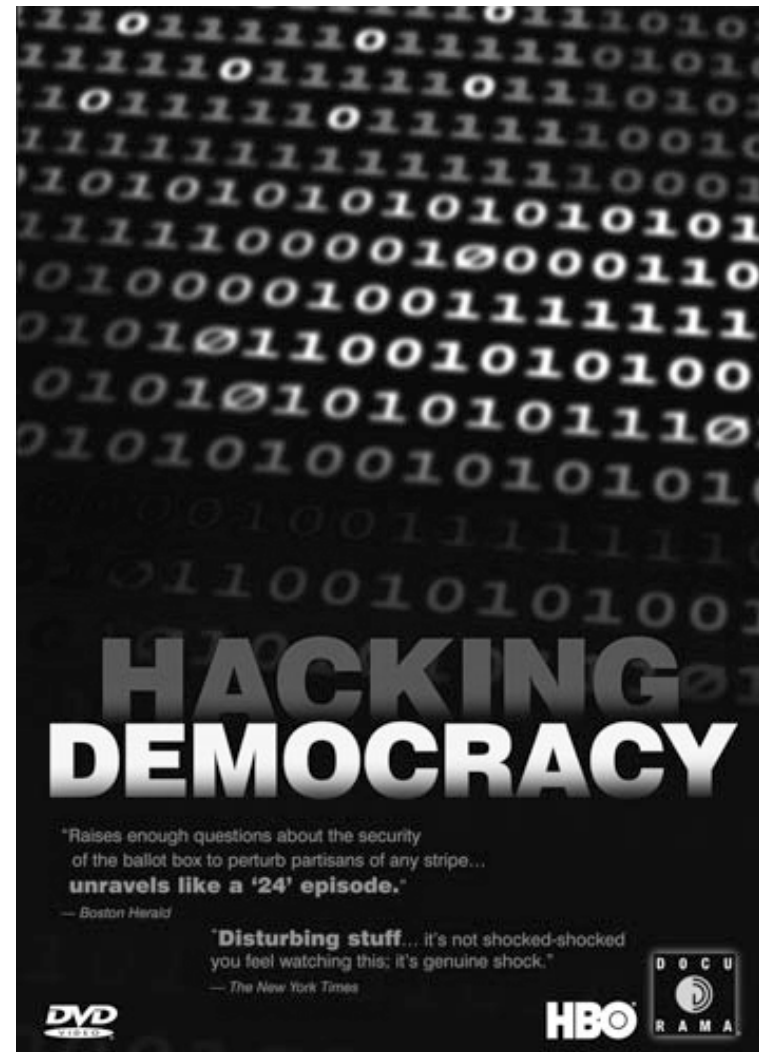
c) Neutral

d) I agree

e) I strongly agree

seattletimes.nwsource.com/html/localnews/2014398575_apwaxgrlegislature.html
video.google.com/videoplay?docid=7926958774822130737#
en.wikipedia.org/wiki/Hacking_Democracy

E-Voting

- "Hacking Democracy" is an Emmy-nominated documentary

- Harri Hursti demonstrates "Hursti Hack" on Diebold machines thought safe

- Some states allow online voting (e.g., for military)

- It's really scary, folks

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Summary

- Be cautious about your online exposure

- Fight for your privacy

- Use Creative Commons to share / remix / reuse content

- Pay for your music
  - or use Pandora, which does it for you

- Fight online voting

- CS195 to learn more

(Credit: Geekologie)

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