



UC Berkeley EECS
Lecturer SOE
Dan Garcia

CS10 The Beauty and Joy of Computing

Lecture #12 Social Implications of Computing II

2011-10-12

BAVARIA INSTALLS SPYWARE @ BORDER!

The Bavarian Interior Minister has confirmed that they had installed the software and used it on a computer. It allows the computer to be controlled remotely, and grabbing screen shots.



<http://yro.slashdot.org/story/11/10/11/1322202/german-state-confesses-to-downplays-government-spyware>

Overview

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



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.



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



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

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 Frolics (D.T.F.)

May, 2010



MSNBC.com



Robbins v Lower Merion School District

■ Details

- In 2009-2010 Lower Merion (near Philly) issued MacBooks to each of 2,306 HS kids
- The schools elected to use TheftTrack to allow school district employees to remotely activate webcam
- Classic case of spyware

■ \$610k settlement



Image Credit: wired.com



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”
- **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.”



Logo for opposition to CTEA



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



Peer Instruction



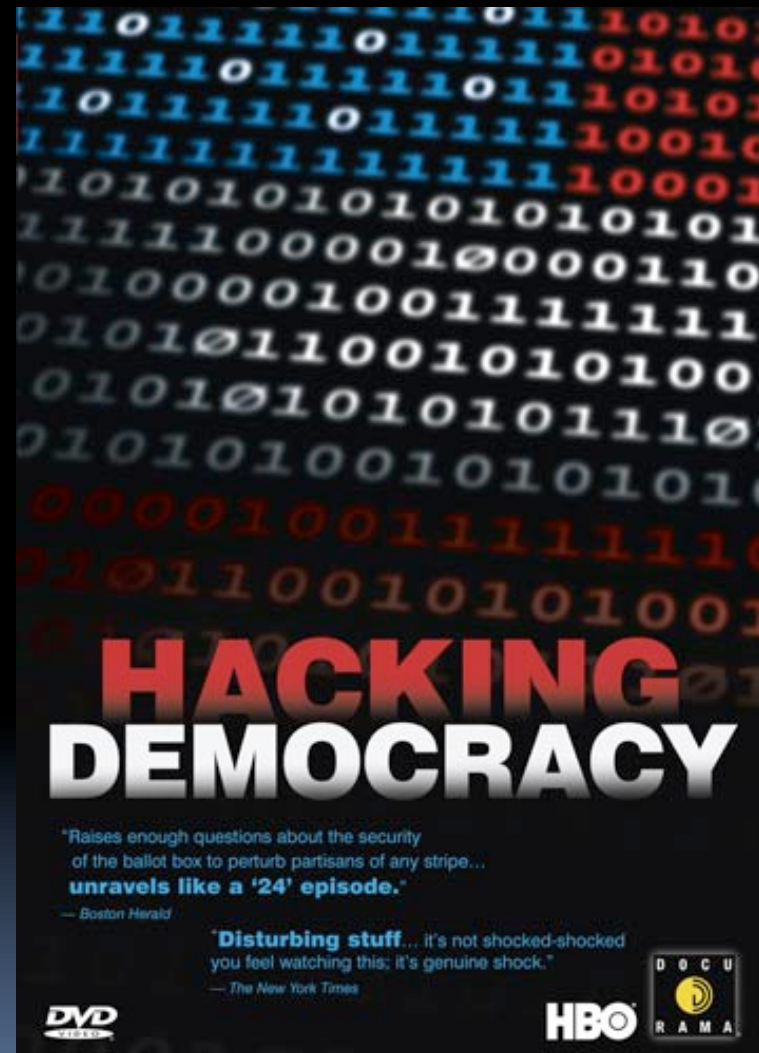
"I trust electronic voting machines & infrastructure."

- a) I strongly disagree
- b) I disagree
- c) Neutral
- d) I agree
- e) I strongly agree



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



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)

