



UC Berkeley EECS
Lecturer SOE
Dan Garcia

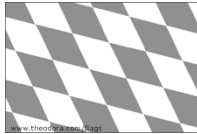
CS10 The Beauty and Joy of Computing

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



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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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en.wikipedia.org/wiki/Suicide_of_Tyler_Clementi

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



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www.msnbc.msn.com/id/21134540/vp/39552594#39552594

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 L. Owen

Sexual History Thesis

Duke University

Submitted to the Department of Life Night Experiment as partial fulfillment of the requirements for a Bachelor's degree in Biology (B.S.)

May, 2010



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en.wikipedia.org/wiki/Robbins_v._Lower_Merion_School_District

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



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www.riaa.com/physicalpiracy.php?content_selector=piracy_online_the_law

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



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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



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Creative Commons

creativecommons.org

■ 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

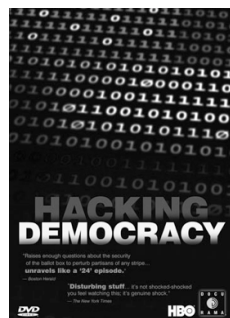


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E-Voting

- "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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