


The Beauty and Joy of Computing

Lecture #13 Social Implications of Computing III



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RSA SECURITY CONFERENCE 2013 IN SF JUST OVER...

This meeting of privacy experts just finished, and the key questions that emerge: "Will people share their personal information freely in exchange for customized service? Or will they be fiercely protective, to protect identity?"




www.cnn.com/2013/02/28/tech/web/online-privacy-policies


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
- 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



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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, permanently

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

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Dr. Gerald Friedland and I have a research group around this!

Ten Principles for Social Media Privacy

- Your information footprint is larger than you think.
- There is no anonymity on the Internet.
- Any information about you on the Internet will be used by SOMEBODY in THEIR interest -- including against you.
- Communication over a network, unless strongly encrypted, is never just between two parties.
- Sharing information over a network means you give up control over that information.
- Anything said on the Internet is open to interpretation, including what you say and what is said about you.
- The Internet not only duplicates (exponentially) but it never forgets!
- Just because it can't be found today, doesn't mean it can't be found tomorrow.
- Identity is not guaranteed on the Internet.
- Avoiding the Internet doesn't help: Others may post about you.

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en.wikipedia.org/wiki/Copyright_Term_Extension_Act
copyright.gov

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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creativecommons.org

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...

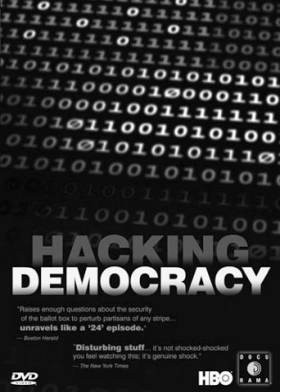
	BY = Attribution	Share Alike	No Derivs	Non Commercial
	CC BY			
	CC BY SA	x		
	CC BY ND		x	
	CC BY NC			x
	CC BY NC SA	x		x
	CC BY NC ND		x	x

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seattletimes.nwsourc.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




Hacking Democracy

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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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