Why Internet Ethics?

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What the Internet changes
What the Internet Killed - Dec. 9 2010, Newsweek -

It's hard to imagine life without some of the technological innovations of the last decade. But in a world where connectivity is everywhere, there are some traditions, values, and just plain ways of life that we no longer adhere to. Here's a sampling of casualties due to our constant mobile and Internet connections.
What the Internet Killed - Dec. 9 2010, Newsweek -
Who Killed Newsweek? - Dec. 29 2012, The Spectator -

Who killed Newsweek?
Tina Brown can’t just blame the internet

Owen Matthews 29 December 2012

So farewell then, Newsweek magazine, which published its last print issue this week. After 79 years — 15 of them as my employer — the venerable old rag is to
Harvard Students in Cheating Scandal Say Collaboration Was Accepted

Harvard students suspected in a major cheating scandal said on Friday that many of the accusations are based on innocent — or at least tolerated — collaboration among students, and with help from graduate-student teachers who sometimes gave them answers to test questions.

Students said they were tripped up by a course whose tests were confusing, whose grading was inconsistent, and for which the professor and teaching assistants gave contradictory signals about what was expected. They face the possibility of a one-year suspension from Harvard or revocation of their diplomas if they have already graduated, and some said that they will sue the university if any serious punishment is meted out.

In years past, the course, Introduction to Congress, had a reputation as one of the easiest at Harvard College. Some of the 279 students who took it in the spring semester said that the teacher, Matthew B. Platt, an assistant professor of government, told them at the outset that he gave high grades and that neither attending his lectures nor the discussion sessions with graduate teaching fellows was mandatory.
We are living in the most innovative time in history
The Tower of Babel (Genesis 11:6-9, The Bible)

- The LORD said, "If as one people speaking the same language they have begun to do this, then nothing they plan to do will be impossible for them.
- Come, let us go down and confuse their language so they will not understand each other."
- So the LORD scattered them from there over all the earth, and they stopped building the city.
- That is why it was called Babel - because there the LORD confused the language of the whole world. From there the LORD scattered them over the face of the whole earth.
Communication Restoration

HGP (Human Genome Project) 2000~2003~2006
- 18 nations, 350 research institutes
- "nothing they plan to do will be impossible for them" (Genesis 11:6)
The Internet

Communication Breakdown

Communication Restoration

The most innovative way to communicate
The Internet has properties that make ethical problems
Anonymity & Invisibility

I can hide my identity from others in communication.

The Online Disinhibition Effect (John Suler, 2002)

- You don’t know me.
- You can’t see me.
- We are equal.

Ethical problems

- Abusive words & comments
- Weak sense of responsibility
- Lack of common courtesy
Amazing Speed

I can spread anything quickly over the Internet.

What is the bad things to be spread?

- Malicious code including computer virus, I-worm, Trojan
- False rumors

Ethical problems

- Cyber-crime & Cyber-terror
- Cyber-bullying
Easy Way to Get Rich

The Internet is the promising depositary of

- Data, Information, Knowledge, Contents
- Management Systems: Company, Government, Social Systems
- Entertainment, Dream, Chance, Hope, Love

Ethical problems

- Hacking: Site, Company, Personal Information
- Threat with DoS & DDoS, APT attack
- Addiction: Internet, Game, Cartoon, Pornography

I can grab a chance to get rich through the Internet.
Infinite Cloning

"I can copy anything in the Internet clearly and infinitely."

The Internet is a pool of abundant digital media

- Infinite & clear copy of data with no change of the original
- Imperishable data in spite of human oblivion

Ethical problems

- Data leakage without notice
- Infringement of copyright
- The right to be forgotten
Smartphone makes Internet ethical problems worse
Smartphone Ownership Trends

- S. Korea: 67% in Year 2012, 54.9% in Year 2011
- Hong Kong: 54.9% in Year 2012, 53.1% in Year 2011
- Singapore: 53.1% in Year 2012, 53.1% in Year 2011

Year 2011
Year 2012
Smartphone Ownership Trends

- Smartphone:
  - May 2011: 35%
  - February 2012: 46%
  - May 2013: 56%

- Other cell phone:
  - May 2011: 48%
  - February 2012: 41%
  - May 2013: 35%

- No cell phone:
  - USA:
    - May 2011: 17%
    - February 2012: 12%
    - May 2013: 9%
Is Internet ethics different from ethics for the real world?
Concerns of Ethics
Basic Principle of Ethics

So in everything, do to others what you would have them do to you, for this sums up the Law and the Prophets.
(Matthew 7:12)
Closing Remarks