

Lecture Notes
Chapter 1
4 September 2012
Tuesday

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- ordinary desktop printers
- bioprint with human cells – deposit layer after layer of human cells
- 40 minutes – starts beating on its own – 5 hours later

Egypt 2010 – Facebook, Twitter

Kenya 2007 – Ushahidi, i.e., testimony

- crisis mapping tool
- collects information from e-mails, text, blogs, tweets and maps them

Swift River

- use filters to rate the quality of the information

Witness Project – video records of abuses

Digital Divide – see textbook

Autonomy, Mastery, Purpose

CrowdSourcing

Collaborative Consumption

- Call a Bike
- Zipcar
- swap.com

<http://bbc.co.uk/science/humanbody>

New York's Museum of Modern Art (MOMA)

www.moma.org

www.khanacademy.org

microexpressions 1/25th of a second

www.paulekman.com

augmented reality

www.pranavmistry.com/projects/sixthsense

biological nerve cell growing on a silicon chip

NASA 10 trillion bytes of imagery

www.learn.arc.nasa.gov