

Csci chapter 1



Social Networking enables the gathering of groups of people to connect and exchange ideas
Ushahidi crisis-mapping tool that collects information from e-mails, text messages, blog posts, and Twitter tweets and then maps them, instantly making the information publicly available
digital divide great gap in the levels of Internet access and the availability of technical tools in different regions of the world
cognitive surplus combination of leisure time and the tools to be creative
autonomy the freedom to work without constant direction and control
mastery the feeling of confidence and excitement from seeing your own skills progress
purpose the understanding that you are working for something larger than yourself
crowdfunding asking for small donations from a large number of people
crowdsourcing checking in with the voice of the crowd
collaborative consumption implies that we are joining together as a group to use a specific product more efficiently
Next Einstein Initiative (NEI) a plan to focus resources on the talented mathematical minds of Africa. Addresses the crisis of a growing digital divide. QR (quick response) codes lets any piece of print host a link to online information and video content
computer literate being familiar enough with computers that you understand their capabilities and limitations and that you know how to use them safely and efficiently

This Means...

1. You can avoid falling prey to hackers and viruses because of how they operate
2. You know how to protect yourself from identity theft
3. You can separate the real privacy and security risks from things you don't have to worry about
4. You know how to find information and use the web effectively

5. You can avoid being overwhelmed by spam, adware, and spyware

6. You know how to diagnose and fix problems with your hardware and

software software the instructions that tell the computer what to

do Information Technology (IT) a field of study focused on the management

and processing of information and the automatic retrieval of information data

mining the process of searching huge amounts of data with the hope of

finding a pattern computer forensics analyzes computer systems with specific

techniques to gather potential legal evidence augmented reality combines our

normal sense of the world around us with an additional layer of digital

information MACH (My Automated Conversation Coach) computer system that

generates an on-screen person VeriMed personal identification chip that is

about the size of a grain of rice and is implanted under the

skin Google Glass augments reality by eliminating the need for a separate

hand-held device by projecting an image directly on the retina of your

eye affective computing developing systems that can recognize and simulate

human emotions Khan Academy free technology tool used for education Web

2. 0 led to a shift from just consuming content toward producing

content FreeCycle goods-exchange program Skype a popular Voice over

Internet Protocol (VoIP) service ON CSCI CHAPTER 1 SPECIFICALLY FOR

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