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Lesson 06:

Ethics

# IEEE Code of Ethics

- Accept Responsibility.
- Avoid conflicts of interest.
- Reject bribery.
- Improve understanding of technology
- Do not discriminate.
- Avoid harming others
- Help others.

<http://www.ieee.org/portal/pages/iportals/aboutus/ethics/code.html>

# ACM Code of Ethics

- Contribute to society.
- Avoid harm to others.
- Be honest and trustworthy.
- Do not discriminate.
- Honor property rights.
- Give proper credit.
- Respect privacy

<http://www.acm.org/about/code-of-ethics>

# Hacker Ethics

- Do no harm.
- Protect Privacy
- Continual Improvement
- Share!
- Improve Security

<http://www.fiu.edu/~mizrachs/hackethic.html>

Veracity





# Wasp Orchid Trap



Credit: [photobitz](#)

Tricks wasps into thinking it's another wasp.

# MySpace User Trap

<b>From:</b>	 crystal byers	 Spam/Report Abuse ▾
<b>To:</b>		
<b>Date:</b>	Dec 15, 2006 3:57 AM	
<b>Subject:</b>	GET \$1000 BY TOMORROW -IT'S SO EASY-CLICK HERE would like to invite you to join the group GET \$1000 BY TOMORROW -IT'S SO EASY-CLICK HERE	
<b>Body:</b>	<p></p> <p>GET \$1000 BY TOMORROW -IT'S SO EASY-CLICK HERE has invited you to join GET \$1000 BY TOMORROW -IT'S SO EASY-CLICK HERE on MySpace.</p> <p>MySpace Groups allow users to communicate on message boards, share pictures, journals and network.</p> <p>You may accept or deny this invitation below:[GROUPINVITEID]BF6E1DDB-1428-440C-B730-1506BF2DE756[GROUPINVITEID]</p>	

# Don't Fall for Spam Bots!



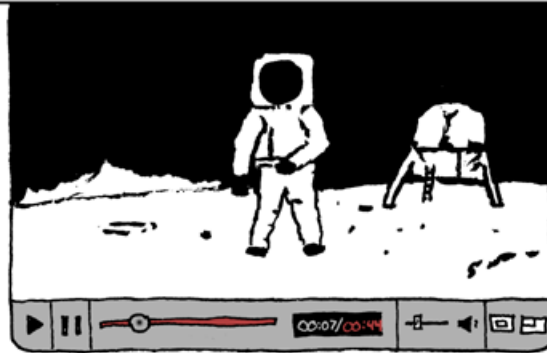
SPAM BOTS

We're in your interwebs selling you viagra.

# Veracity

- Fact-Check things you find online and e-mails sent to you.
- Don't forward e-mails unless you have verified them.
- Snopes.com is good for verifying information you receive.
- Check the references on Wikipedia ([wikipedia.org](http://wikipedia.org))

THE INTERNET HAS ALWAYS HAD LOUD DUMB PEOPLE, BUT I'VE NEVER SEEN ANYTHING QUITE AS BAD AS THE PEOPLE WHO COMMENT ON YOUTUBE VIDEOS.



#### COMMENTS & RESPONSES

**ROCKKIR** (48 MINUTES AGO)

THIS IS SO OBVIOUSLY FAKED ITS UNBELIEVABLE, WHY R PEOPLE SO GULLIBLE??? MORONS

(REPLY)(MARK AS SPAM)

**BIGMIKE133** (35 MINUTES AGO)

I'VE SEEN THE SPACE SHUTTLE IT DEFINITELY LANDED ON THE MOON DO SOME RESEARCH...

(REPLY)(MARK AS SPAM)

**GUNFISTOLMAN** (22 MINUTES AGO)

IF IT WAS REAL WHY IS THEIR GRAVITY? AMERICANS R SHEEP

(REPLY)(MARK AS SPAM)

**CRACKMONKEY74** (17 MINUTES AGO)

U DONT THINK WE WENT TO THE MOON WHY NOT TELL LOUIS ARMSTRONG TO HIS FACE

(REPLY)(MARK AS SPAM)

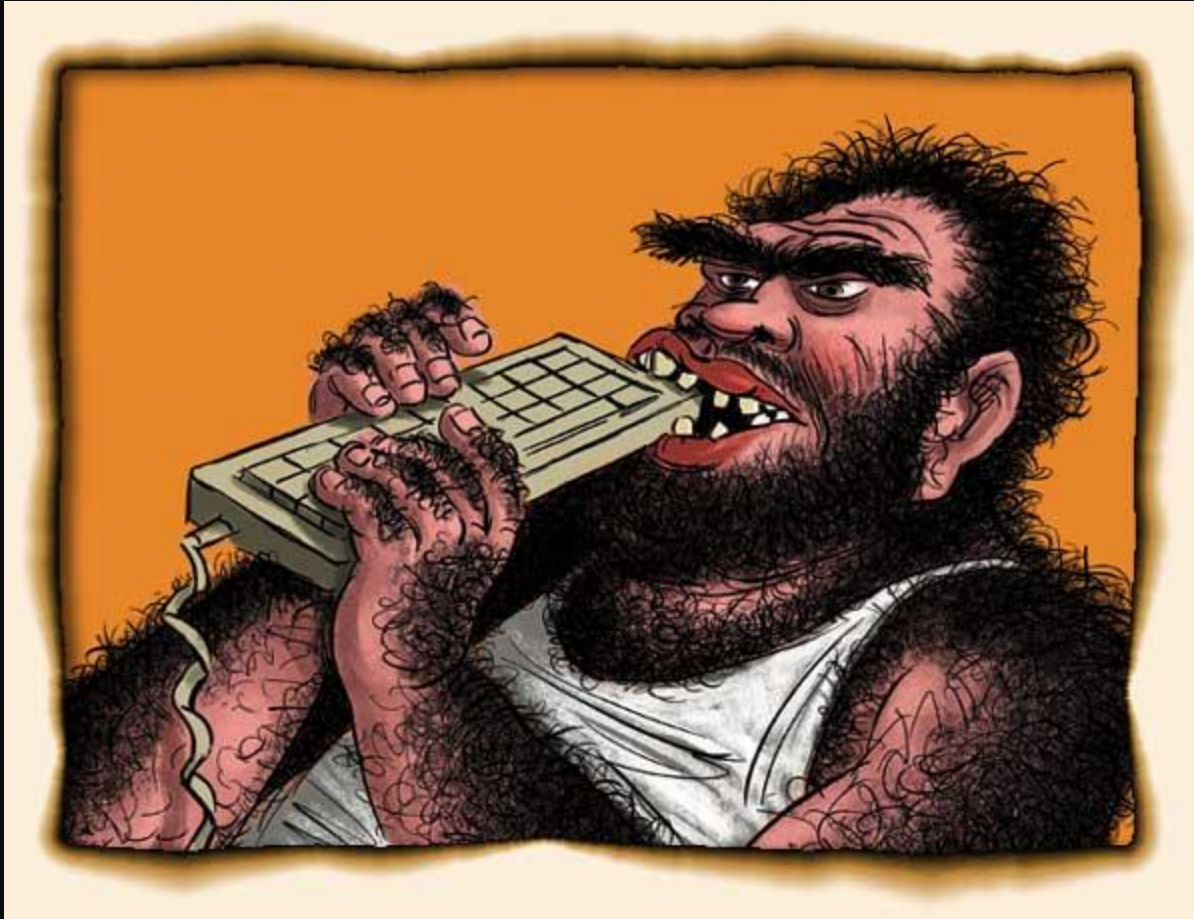
**SIMPLEPLAN2009** (5 MINUTES AGO)

IT WAS A SOUNDSTAGE ON MARS

(REPLY)(MARK AS SPAM)

# Netiquette

# Online Forums



<http://redwing.hutman.net/~mreed/index.htm>

# Forum Misbehaving

- Anonymity can bring out the worst in people.
- Cranks, Flamers, and Trolls
- Amateurs, Partisans, and Advertisers
- Cyberbullying
- Name-calling, Profanity, Goodwin's Law, Caps Lock

# Misunderstandings

Text is a “cold” medium, lacking context.

It doesn't convey a tone of voice or facial expressions. Sarcasm doesn't translate well and things texted in jest may be taken seriously.

How do we communicate the intentions behind our words online?

# Emoticons

:)	( ^ _ ^ )
;)	( * _ * )
=)	( o _ O )
:-)	( ^ O ^ )
:-(	( * ^ ^ * )

Once You Post  
Something Online,  
It Can Stay Online  
Permanently!!!

# Respect Other's Privacy

- Don't post questionable photos of your friends without their permission.
- Don't post slanderous statements about other people. If you flame, people will flame you back.

# Remember: The Internet is Forever



# Intellectual Property

# Patent VS Copyright

- Copyright covers “works of authorship” (art, photos, books, movies, plays, music) , lasts 28 years with option to renew 67 more years. The copyright on anything before 1923 has expired.
- Patent covers inventions, lasts 20 years.

# Stuff You Can Use

- Fair Use
- Creative Commons
- GNU License
- Public Domain

# Where To Get Stuff

- **Photos:** [Wikipedia.org](https://www.wikipedia.org) (See License Accompanying Media)
- **Photos:** [Flickr.com](https://www.flickr.com) (Search Creative Commons Photos)
- **Music:** [jamendo.com](https://www.jamendo.com)
- **Books:** [Project Gutenberg \(gutenberg.org\)](https://www.gutenberg.org)
- **Anything:** [Internet Archive \(archive.org\)](https://www.archive.org)
- **Government Websites (.GOV)**

# Ethical Dilemmas

# The MySpace Suicide Case

- 49-year-old mother, Lori Drew, pretended to be a 16-year-old boy on MySpace to humiliate a 13-year-old girl, Megan Meier, who hung herself because of the abuse.
- Should Lori Drew be held accountable? How?
- Is it possible to prevent this sort of abuse? Are there right to privacy concerns?

# Right to Fresh Start?

- A lawyer googled his name and found a 25-year-old newspaper article from his student newspaper reporting on his being convicted of a burglary at the school; however, the conviction had been removed from his record. He sued to have the article taken down and lost. Now the news of his lawsuit is also online.
- How do we reconcile the newspaper's right to publish its articles with the individuals' right to a clean record?

# Should Software Be Patentable?

- Currently software can be patented or copyrighted.
- Algorithms can be patented if they are stored on a computer.
- MP3 and GIF file compression formats are patented. This makes it difficult to write software that uses these file formats.
- How complex should an algorithm be to make it eligible for patenting?