

# KSU 4401: Senior Seminar

## Dr. Joan Dominick - Spring 2014

A session on cybersecurity...


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# Agenda

- Cyber Security vs. Information Security
  - Information Security
  - Your Digital identity
    - Passwords
    - Social Media
    - The Internet
    - Your Rights
    - Your Digital Identity
    - Applying for Jobs
    - Online reference letters for graduate school
    - Financial safety online
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# Cyber Security vs. Information Security

*“Military units conduct reconnaissance; they maneuver over terrain; they use weapons where necessary. This mindset wants to think of security as defending some kind of terrain – and the terrain can only be cyberspace. If you’re defending cyberspace, you must be doing something called cybersecurity.”*

*Ed Felton, “What’s the Cyber in Cyber-Security”*

<https://freedom-to-tinker.com/blog/felten/whats-cyber-cyber-security/>

We’re (mostly) going to be talking about Information Security

# Passwords:

- ▶ Use a passphrase instead of a password
  - thetrafficon575washorribletoday
- ▶ Use a passphrase/password checker (if not built-in)
  - Microsoft's Password Checker:  
<http://www.microsoft.com/protect/fraud/passwords/checker.aspx>
- ▶ Keep your password a secret
- ▶ Do not type passwords on computers that you do not trust
  - Especially passwords to sensitive accounts (i.e. KSU Email, Banking, etc)
- ▶ Your passwords should be relative to the information they are protecting

# Social Media





# Question #1: Who owns the internet?

*Internet Map*  
city-to-city connections



# Your rights...

## A case study: Ashley Payne



<http://blogs.ajc.com/get-schooled-blog/2011/08/17/facebook-case-two-years-later-wronged-teacher-still-waiting-for-decision>

If you have something that you don't want anyone to know, maybe you shouldn't be doing it in the first place."

Eric Schmidt, Google CEO, Dec 2009

[http://www.theregister.co.uk/2009/12/07/schmidt\\_on\\_privacy/](http://www.theregister.co.uk/2009/12/07/schmidt_on_privacy/)

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# Your digital identity

## A Demonstration

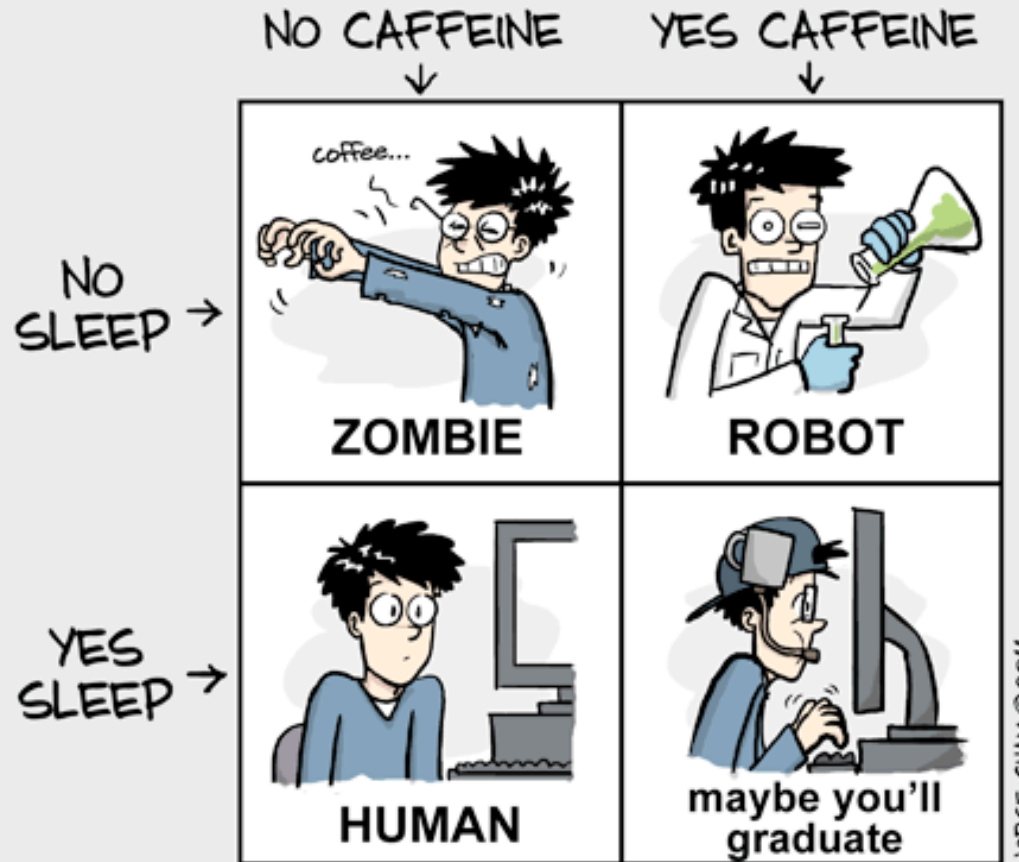


# Applying for Jobs




# Online reference letters for graduate school

## GRAD SCHOOL ENERGY LEVELS




# Financial Safety online





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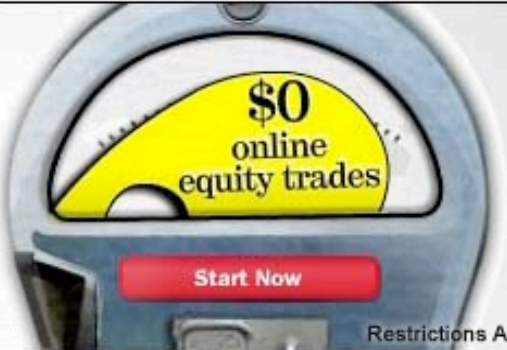
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# Thank you!

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