

# CS 315 – Intro to Human Computer Interaction (HCI)

Research in HCI



# Carnegie Mellon

- Sketch It, Make It (SIMI)
  - <http://sketchitmakeit.com/>
- Analysis of most unexpected permissions for android apps
  - <http://confabulator.blogspot.com/2012/11/analysis-of-top-10-most-unexpected.html>
  - <http://www.technologyreview.com/news/427390/using-crowdsourcing-to-protect-your-privacy/>

# Fujitsu Lab

- FingerLink Interaction System
  - <http://www.youtube.com/watch?v=I2l0qklSzks&feature=youtu.be>

# Minuum Keyboard

- <http://www.youtube.com/watch?v=niV2KCkKmRw>
- Thanks Thomas!

# Microsoft Research

- Vision of the future
  - <http://www.psfk.com/2013/03/microsoft-futre-digital-interaction.html>

# Minority Report

- 1987 Buick Riviera
  - <http://www.youtube.com/watch?v=LoYSCuAwPUg>
- <http://www.theawl.com/2013/02/how-minority-report-trapped-us-in-a-world-of-bad-interfaces>

# Microsoft IllumiRoom

- <http://idealab.talkingpointsmemo.com/2013/01/microsoft-illumiroom-projects-visual-effects-across-whole-room.php?ref=fpnewsfeed>

# Leap Motion

- <http://www.youtube.com/watch?v=TMqBLqzsZZU>
- <http://www.youtube.com/watch?v=KBNm0NKBRvw>
- <https://www.leapmotion.com/company>



# The Stroppy Kettle

- <http://hci.bham.ac.uk/?project=the-stroppy-kettle>

# Microsoft Research

- Creating 3D Avatars
- <http://www.youtube.com/watch?v=yU2Ai18tft4>

# University of Washington

- Mood Music:  
<http://www.cs.washington.edu/node/3846/>
- Lullaby: <http://www.cs.washington.edu/node/3843/>
- CoughSense:  
<http://ubicomplab.cs.washington.edu/wiki/CoughSense>
- BLUI: <http://ubicomplab.cs.washington.edu/wiki/BLUI>

# Final Message

- Be careful about predicting the future
- <http://www.theatlantic.com/technology/archive/2013/02/walter-cronkite-demonstrates-the-home-of-the-future-in-1967/273039/>