

# Project Recap

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CS 179i: Project in Computer Science (Networks)

Lectures: Monday 3:10-4pm in Spieth 1307

[http://www.cs.ucr.edu/~jiasi/teaching/cs179i\\_winter16/](http://www.cs.ucr.edu/~jiasi/teaching/cs179i_winter16/)

# Project Topics

- Security
  - BitTorrent with TOR
  - Personalized two-layer authentication
- Media
  - Synchronized video sharing
  - Music aggregator
  - Mobile DJ
  - VR remote desktop using Google Cardboard
  - MPEG-DASH
- Social/Location
  - Zombie tag
  - Geo-location of event invitees
  - File sharing using WiFi Direct

# Proposal Comments

- Divide milestones into before progress update (Feb. 8) and final
- Think about what you want to measure/plot, e.g.:
  - Latency compared to other “strawman” approaches
  - Scalability with number of users
  - Resource usage (CPU, battery)
- Cite your sources for images taken from the web!

# Essay #1: New Trends

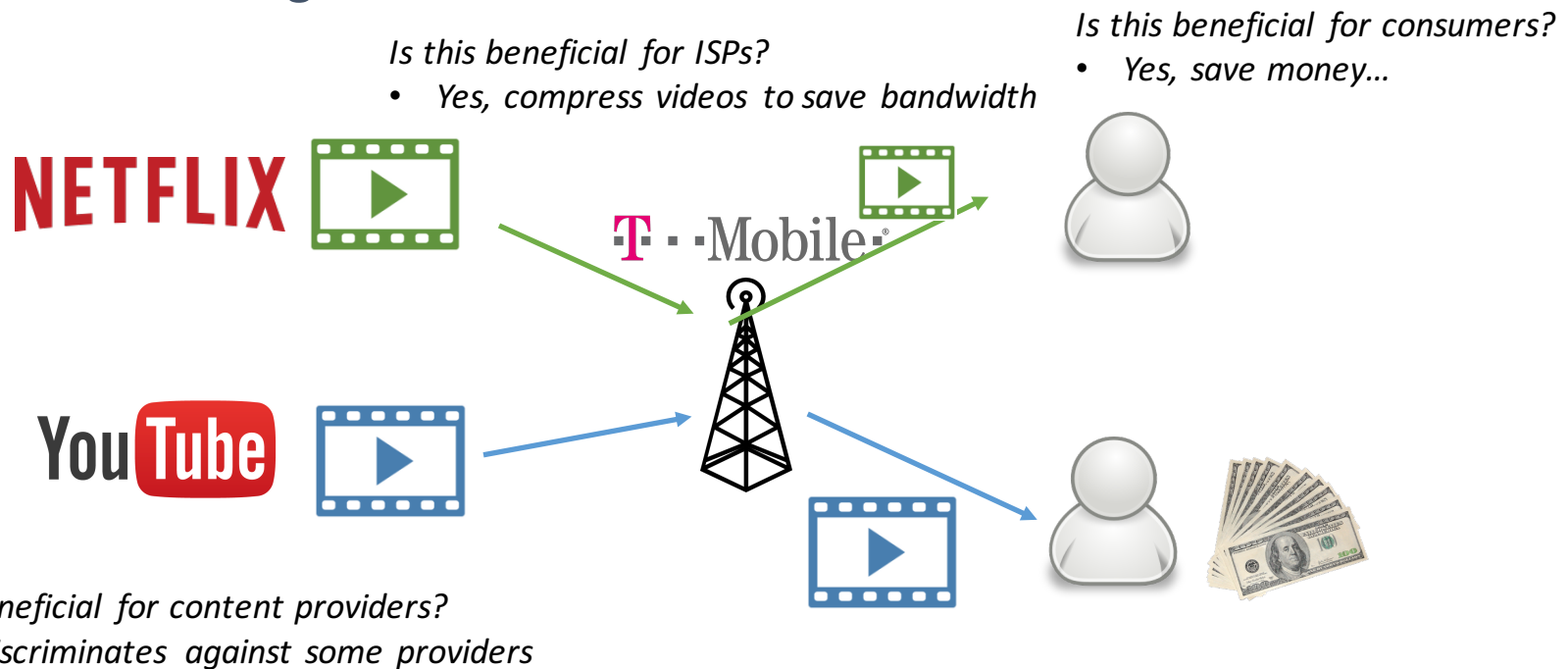
- ABET Goals
  - An ability to analyze the local and global impact of computing on individuals, organizations, and society
  - Recognition of the need for and an ability to engage in continuing professional development
- Want to check your understanding from your 4 years at UCR

# Your Task (should you choose to accept it)

- Choose a product/practice/event
  - Product: e.g., Google Glass, consumer-priced drones, self-driving cars
  - Practice: e.g., sponsored cellular data, massive open online courses
  - Event: e.g., Arab Spring (social media), cyberbullying
- Choose a professional organization
  - E.g., ACM, IEEE, ...
- Consider the role of the professional organization on the product/practice/event
  - Take a stand! Argue for/against the trend, why is it good/bad for people/taxpayers/animals/etc.
- Write an essay
  - 1000 words, 6+ cited sources
  - Due Mon. Feb. 1, 2016
  - Worth 5% of grade

# Sponsored Data Content + Net Neutrality

- Event: T-Mobile allowing free video streaming (Binge On)
- Professional organization: FCC



# Possible Essay Topics

- Security
  - Should the NSA be allowed to snoop?
- Media
  - Should content providers be allowed to sponsor cellular data?
  - Should media content be treated differently than other traffic on the mobile web?
- Social
  - Should companies be allowed to sell location information?
  - Facebook privacy settings

# Proposal Return and Discussion