Cyberspace Governance

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Review of Global War for Internet Governance

- Discussions:
  - Chapter 2: Controlling internet resources (Alena)
  - Chapter 3: Setting standards for the internet (Edwin)
  - Chapter 4: Cybersecurity governance
  - Chapter 5: Governance at the internet’s core
  - Chapter 6: Internet access and network neutrality (Lilian)
  - Chapter 7: The public role of private information intermediaries
Project Proposal

• Your proposal should clearly answer two questions:
  – what you want to do
  – why it fits in the context of cyberspace governance
• Please don't spend too much time on a literature review unless it is needed to
• Each proposal is limited to 700 words. You are encouraged to include figures and graphs to illustrate your ideas.
• All proposals must have clear titles and they should have a problem statement, why it matters for governance and up to three references (references do not count against the word limit).
• One partial presentation (Nov. 3rd) and final presentation (Dec. 1th)
• Proposals must be submitted no later than Oct. 16th at midnight.

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Project Ideas

• Alena:
  – data-focused analysis of a particular service, like the articles about Uber, Twitter, Google +, and particularly the article about Pinterest.
  – Suggestion:

• Priscilla:
  – Content Filtration and Copyright Bots: The Struggle to Protect Intellectual Property
  – Internet Governance and Human Rights: evaluating censoring access to the internet, which raises a question of the level of control that governments ought to exert over the Internet
  – Suggestion:

• Alan:
  – understand the foundations of bitcoin and blockchain.
  – Impact on cyber governance
  – develop some sort of security protocol based on existing protocols.
  – Suggestion:
Project Ideas

• Gabe:
  – data-related project with Whoop, the fitness wearable that my team uses.
  – study how the company regulates access to data among its employees (anonymization and re-identification, accuracy of the measurements)
  – Measuring and scoring censorship in US
  – Suggestion:

• Mike:
  – Surveillance, cyber national security and law enforcement
  – Law enforcement procedures & citizen’s privacy rights
  – Suggestion:

• Edwin:
  – interested in privacy and the anonymization of data
  – in net neutrality and other political ideas and impact of IPv6 on security and political
  – Suggestion

• Lilian

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References

• Discussion of the DeNardis book: each student should lead the discussion of one chapter (from 2 to 7): most important points, what are weaknesses and strengths of the government ecosystem.

  • www.ccs.neu.edu/home/cbw/static/pdf/bashir-usenix16.pdf

• Le Chen, Alan Mislove, and Christo Wilson, "Peeking Beneath the Hood of Uber", ACM Internet Measurement Conference (IMC), 2015
  • conferences2.sigcomm.org/imc/2015/papers/p495.pdf
References

• Anne Edmundson, Roya Ensafi, Nick Feamster, Jennifer Rexford, Characterizing and Avoiding Routing Detours Through Surveillance States
• www.cs.princeton.edu/~annee/pdf/surveillance.pdf
Tracing Information Flows Between Ad Exchanges Using Retargeted Ads

Christo Wilson
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THANKS!

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