CSC 495.002 – Homeworks

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Individual Work

- 5 homeworks in total (4 best grades out of 5)
- Goals:
  - Learn to do critical paper reviews
  - Extract privacy requirements/concerns from text-based scenarios
  - Investigate tools for privacy risk mitigation
- This is an individual assignment
- Use your own words when describing the papers or other material you find online
- Do not borrow words from the authors (unless you are referring to a specific technical approach)

Paper Review

- Read the following papers (available on the course website):
1 Aggarwal et al. An analysis of private browsing modes in modern browsers. USENIX Conference on Security, 2010
2 Kökciyan and Yolum. PriGuard: A Semantic Approach to Detect Privacy Violations in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 28(10): 2724-2737, 2016
- Write a one page review (PDF) and submit via Moodle
- Deadline: September 11th – 5PM

Review Outline

- Summarize the privacy problem addressed (1–2 sentences for each paper)
- What are the objectives and the research questions of the authors? (2–3 sentences for each paper)
- Summarize the technical approach proposed (e.g., algorithm, process, tool) (3–4 sentences for each paper)
- What are the major results presented in the paper? (1–2 sentences for each paper)
- What are the limitations of the proposed approaches and the generalizability of the results? (2–3 sentences for each paper)
- How would you extend the work done by the authors? Here, state the parts you like/dislike about the papers and describe how you would improve/fix those (4–5 sentences for each paper)