MSc Seminar

Thursday February 21, 2019 at 10AM in Reynolds, Room 2224
A Semantic-Based Approach to Reduce the Time Cost of
Reading Privacy Policies

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ABSTRACT:

Privacy policy is a legal document in which the users are informed about the data practices used by the companies. However, the privacy policies are long and hard to understand. They are also known to have inconsistent formats and incomplete content. Users have to read the entire policy to find information about data practices of the organization. The solution that we are proposing in this research is to provide users with an intelligent reasoning tool so they can find answers to their queries faster.

This research is in continuation of a previous work in which readability of privacy policies is enhanced using ontology. The primary goal of this research is to reduce the difficulty of reading long and legal jargon in privacy policies by directing users to relevant sections of policies given the user's inquiry. This seminar will discuss three major steps that need to be taken to achieve this goal: 1) analyzing the important keywords to understand the content of privacy policies, 2) building and validating ontology to capture domain knowledge using the keywords and 3) user evaluation of the domain ontology's performance.