

הפקולטה לניהול
החוג לניהול מידע וידע
מזמינים אתכם לסמינר:

Information Leakage Detection in Online Social Networks

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12:00-13:30

Abstract

We investigate the interplay between online news, reader comments, and social networks, to detect and characterize comments leading to the revelation of censored information. Censorship of identity occurs in different contexts - for example, the military censors the identity of personnel and the judiciary censors the identity of minors and victims. We address three questions: (1) assessing the relevance of identity censorship in the presence of user-generated comments, (2) understanding the fashion of censorship circumvention – what people say and how, and (3) determining how comment analysis can aid in identifying de-censorship and information leakage through comments. Examining 3582 comments made on 48 articles containing censored identities, we find that a systematic examination of comments can seriously compromise identity censorship. We introduce DUIL, a system for the Detecting Unintentional Information Leakers. The value of DUIL is in its ability to detect those responsible for information leakage that occurs through comments posted on news articles in a public environment, when those articles have withheld material nonpublic information.

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