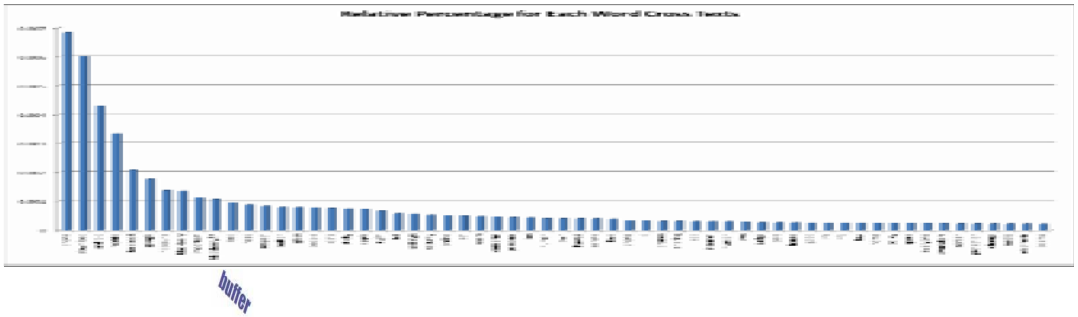
SEMANTIC NETWORK ANALYSIS OF RECENT TWITTER SECURITY

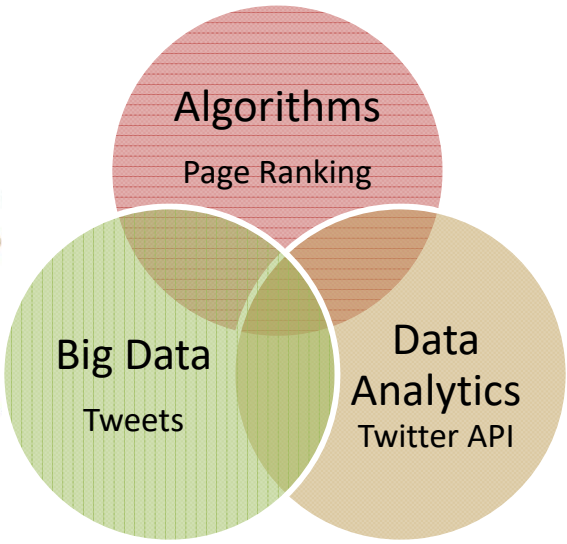
The Oakland University and School of Engineering and Computer Science communities are invited to attend Mansour Alshaikhsaleh's defense of his Ph.D. dissertation. Seating is limited. RSVP with Katie Loodeen at loodeen@oakland.edu.

Semantic Network Analysis of Recent Twitter Security

Committee: Mohamed A. Zohdy, Ph.D. (Chair), Mehdi Bagherzadeh, Ph.D., Debatosh Debnath, Ph.D., Richard Olawoyin, Ph.D., Erica Ruegg, Ph.D., Zahraddeen Gwarzo, Ph.D.

Time: **10:00 a.m. – 12:00 p.m.**
Date: **Friday, August 16, 2019**
Location: **347 EC**





As technologies advance rapidly, security and privacy issues have become one of the top concerns in the digital communication today. Thus, we are trying to understand and drawing a conceptual view that relies on how people perceive security and privacy in this era of dynamic digital proliferation. In order to analyze and see what a person's impression regarding the privacy and security of online merchants, online social media, and other digital media, this research uses one of the most widely used social media, Twitter, to analyze Twitter users' interactions with one another for the purpose of extracting meaningful data to aid in determining users' perception to security and privacy of the digital world . Based on this analysis, we have constructed our project and drawn our conclusions. This research uses statistical learning approach to analyze worldwide tweets and efficiently discover security and privacy issues of online merchants, social media, and other prominent digital media outlets. The results from this research show significant implications for security and privacy from the Twitter users' point of view. These results discovered a number of significant implications for security and privacy from the tweeter users' perception.