

Department of Mathematics and Computer Science

Monday, February 11, 2019, 4:10 pm

SPECIAL COLLOQUIUM TALK

Speaker: Abdul Moh'd–Eastern Illinois University

Old Main 2220

Using Data Science to Create Solutions for Industry & Tools for Natural Language Processing and Social Media Analysis

Abstract:

Data Science is the process of asking the right questions and applying the right methods to transform data into business value using Artificial Intelligence and Machine Learning. This talk will introduce new methods developed using data science to create solutions for industrial partners and tools for natural language processing and social media analysis. The tools are: Google Tri-gram Method – a high-performance semantic text similarity algorithm using web-scale corpora; resumé-job matching tool – a solution for a recruiting company; non-uniform language detection and correction in technical writing – a solution for a technical documentation company; tools for rumor analysis in social media, temporal social-media text relatedness, and post-processing OCR error detection and correction.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)
DR. MOH'D IS A CANDIDATE FOR OUR COMPUTER SCIENCE POSITION
