

Mx. James El-Ahrairah Endicott
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Objective:

PhD Candidate, Information Systems

Education:

MS, Information Science, Claremont Graduate University, 2012
Concentration: Information Science and Technology

BA, Computer Science, Cornell College, 2010
Major: Computer Science
Minor: Psychology

Experience:

Research Assistant, 2013-Present
Leeds School of Business, University of Colorado
Research Areas: Textual similarity and examining the internomological network

Research Assistant, 2011-2012
Intelligent Systems Lab, Claremont Graduate University
Research Area: Semi-automated text simplification

Research Interests:

Computational natural language processing
Improving academic research through taxonomic clarity and machine learning

Research Skills:

Programming
Database manipulation

Publications:

G. Leroy, J. E. Endicott, D. Kauchak, O. Mouradi, M. Just, "User Evaluation of the Effects of a Text Simplification Algorithm Using Term Familiarity on Perception, Understanding, Learning, and Information Retention," Journal of Medical Internet Research (JMIR), July 2013.

O. Mouradi, G. Leroy, D. Kauchak, J. E. Endicott, "Influence of Text and Participant Characteristics on Perceived and Actual Text Difficulty," 46th Hawaii International Conference on System Sciences (HICSS 2013), Hawaii, Maui, January 7-10, 2013.

G. Leroy and J.E. Endicott, "Combining NLP with Evidence-based Methods to Find Text Metrics related to Perceived and Actual Text Difficulty," 2nd ACM SIGHIT International Health Informatics Symposium (ACM IHI 2012), Florida, Miami, January 28-30, 2012.

G. Leroy, J.E. Endicott, O Mouradi, D Kauchak, & ML Just, "Improving perceived and actual difficulty for health information consumers using semi-automated methods", AMIA Annual Symposium Proceedings 2012.

G. Leroy and J.E. Endicott, "Term Familiarity to Indicate Perceived and Actual Difficulty of Text in Medical Digital Libraries," International Conference on Asia-Pacific Digital Libraries (ICADL 2011) - Digital Libraries -- for Culture Heritage, Knowledge Dissemination, and Future Creation. Beijing, China, October 24-27, 2011.

Courses Taught:

MGMT 3210: Business Analytics
University of Colorado – Boulder
Spring 2015

MGMT 3210: Business Intelligence
University of Colorado – Boulder
Spring 2014

Grants and Fellowships:

Claremont Graduate University Fellowship – Information Science
Hart Fellowship
High Performance Computing Fellowship
Big Data Fellowship

Skills and Qualifications:

1. Programming Languages: Python, C#.NET, HTML, Javascript
Databases: PostgreSQL, SQL Server
Operating Systems: Windows XP - 10, Linux (Ubuntu and Manjaro)
Libraries I have Experience with: numpy, scipy, pandas, NLTK, jQuery
Architectures I have Experience with: Docker
Services I have Experience with: Amazon's EC2

References:

Kai Larsen, Associate Professor, University of Colorado, (303) 735-6448