

DIANNA RADPOUR

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RESEARCH INTERESTS

natural language processing (NLP), social computing, artificial intelligence (AI) safety

EDUCATION

University of Colorado Boulder <i>Ph.D - Information Science</i>	2018 - 2023 (expected)
State University of New York at Buffalo <i>M.Sc. Computational Linguistics</i> Master's Project: Unsupervised Attribute Discovery from Large Text Corpora	2016 - 2018
University of Texas at Austin <i>B.A. Linguistics & French</i>	2013 - 2016

TEACHING EXPERIENCE

Statistics for Information Science (INFO 1301)	Summer 2022
Information Visualization (INFO 4602/5602)	Spring 2022
Computation in Society (INFO 1101)	Fall 2021
Introduction to Python for Business Analytics (BAIM 3220)	Spring 2021
Computational Reasoning (INFO 1201)	Fall 2019 - Fall 2020

RESEARCH EXPERIENCE

University of Colorado Boulder <i>Research Assistant</i> <ul style="list-style-type: none">Prepared training, validation, and testing datasets, labeled ground truth, and analyzed results for chemists studying sweetener safetyDesigned and implemented ML models on qualitative interview data to derive insights for developing a multimedia data analysis system for researchersExperiment design and data analysis for evaluation of widely-used lexical resources and	Oct 2018 - August 2019
RIKEN Center for Advanced Intelligence Project, Tokyo, JP <i>Research Intern</i> <ul style="list-style-type: none">Developed and deployed custom natural language processing and machine learning models for automatic suggestion of attribute candidates from unstructured textImplemented natural language processing techniques to discover insights for classifying Wikipedia in a fine-grained hierarchy	January - June 2018
University of Texas at Austin, Computational Linguistics Lab <i>Research Assistant</i> <ul style="list-style-type: none">Data preprocessing and annotation on official records from the US Civil War, marking a number of things in the text (e.g. place names and individual letter and telegraph spans)	April - July 2015

- Implemented named entity recognition techniques to draw appropriate reference in Google Maps for geographic entities found in the text

BOOK CHAPTERS

1. Batan, H., **Radpour, D.**, Kehlbacher, A., Klein-Seetharaman, J., Paul, M. J. (2021). Natural vs. Artificially Sweet Tweets: Characterizing Discussions of Non-Nutritive Sweeteners in Twitter. In *Studies in Computational Intelligence*. Explainable AI in Healthcare and Medicine (pp. 153-176). Springer.

WORKSHOP & SYMPOSIA

1. Batan, H., **Radpour, D.**, & Paul, M. (2020, February). Natural vs. Artificially Sweet Tweets: Characterizing Discussions of Non-Nutritive Sweeteners in Twitter. 4th International Workshop on Health Intelligence (W3PHIAI-20), New York, NY.
2. **Radpour, D.** (2019, November). Operationalized Sentience for a Networked World. Presented at CSCW 2019 Workshop: Good Systems: Ethical AI for CSCW, Austin, TX.
3. Ashokkumar, V. & **Radpour, D.** (2017, November). Non-Contextual Modeling of Sarcasm using a Neural Network Benchmark, *AAAI Fall Symposium on Natural Communication for Human-Robot Collaboration*, Arlington, VA.
4. Sarcasm and its Symptoms, *Sentiment Analysis Symposium*, June 2017, New York, NY
5. Using word2vec for Word-Sense Disambiguation, *Amazon Graduate Research Symposium*, January 2017, Seattle, WA

ACADEMIC SERVICE

EMNLP 2021 (Conference on Empirical Methods in Natural Language Processing), *Program Committee*
 The 6th Workshop on Noisy User-generated Text (W-NUT 2020 at EMNLP), *Program Committee*
 CHI 2020 (ACM Conference on Human Factors in Computing Systems), *Reviewer*
 The 5th Workshop on Noisy User-generated Text (W-NUT 2019 at EMNLP), *Program Committee*

RELEVANT COURSES

Core Courses

Computational Corpus Linguistics
 Information Visualization
 Advanced Machine Learning
 Computational Semantics

Other Courses

Network Science
 Pattern Recognition
 Analyzing Text Data
 Neuroanatomy for Communication Sciences

SERVICE

Best Buddies Texas

Peer Buddy

2014 - 2016

UT Austin Chapter

Learning Ally - Support for Dyslexia and Learning Disabilities

Studio Volunteer

2011 - 2013

Austin, Texas