

NOAH ZIEMS

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EDUCATION

University of Notre Dame

2022-present

Ph.D in Computer Science

NLP, Question Answering, Information Retrieval

Advised by Dr. Meng Jiang

Ball State University

2017-2021

Bachelor of Science in Computer Science

Honors College

Overall GPA: Cum Laude (3.7/4.0)

PUBLICATIONS

Large Language Models are Built-in Autoregressive Search Engines

January 2023

Noah Ziems, Wenhao Yu, Zhihan Zhang, Meng Jiang

Accepted to ACL Findings 2023

- We show LLMs are capable of directly generating URLs to help answer questions in the open domain setting. I was responsible with taking the original research direction, designing experiments, generating the analysis and case studies, and writing the paper itself.

Embedding Mental Health Discourse for Community Recommendation

May 2023

Hy Dang, Bang Nguyen, Noah Ziems, Meng Jiang

Submitted to ACL CODI Workshop 2023

Parathyroid Tumor Detection with Machine Learning

May 2021

Noah Ziems, Shaoen Wu, Jim Norman

IEEE GLOBECOM 2021

Security Vulnerability Detection Using Natural Language Processing

Jan 2021

Noah Ziems, Shaoen Wu

IEEE INFOCOM 2021

SERVICE

Conference Reviewer

- AAI 2022
- ACL 2023
- TKDE 2023

Teaching Assistant

- Notre Dame Outstanding Graduate Teaching Assistant Award (2022-2023)
- CSE 44567: Computer Security (Spring 2023)
- CSE 40243: Compilers and Language Design (Fall 2022)