

# NOAH ZIEMS

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## EDUCATION

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### 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

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### 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.

### 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

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### Conference Reviewer

- AAAI 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)