

# YUZE JIANG

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## EDUCATION

### The Ohio State University

**Research Advisor:** Srinivasan Parthasarathy and Zhiqiang Lin

*Ph.D. in Computer Science and Engineering, Large Language Model Specialization*

**Overall GPA:** 3.94/4.0

**Expected Jul. 2028**

*Columbus, United States*

### Shanghai Jiao Tong University

**Research Advisor:** Xiaodong Gu and Beijun Shen

*B. Eng. in Software Engineering*

**Overall GPA:** 3.6/4.3

**GPA Ranking for Junior and Senior Year:** Top 2% (2/96)

**Jul. 2023**

*Shanghai, China*

## PUBLICATIONS

- **Jiang, Yuze**, Beijun Shen, and Xiaodong Gu. "Just-in-Time Software Defect Prediction Via Bi-Modal Change Representation Learning." *The Journal of Systems & Software*. Accepted, 2024.
- Mao, Yuetian, Chengcheng Wan, **Yuze Jiang**, and Xiaodong Gu. "Self-supervised query reformulation for code search." In *Proceedings of the 31st ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering*, pp. 363-374. 2023.
- Cui, Nan, **Yuze Jiang**, Xiaodong Gu, and Beijun Shen. "Zero-shot program representation learning." In *Proceedings of the 30th IEEE/ACM International Conference on Program Comprehension*, pp. 60-70. 2022.

## RESEARCH EXPERIENCE

### LLMs for Code Deobfuscation Via Reinforcement Learning (Individual)

*The Ohio State University*

**Jun. 2024 - Present**

*Columbus, United States*

### Benchmarking LLMs for Assumption Detection on 5G Specification

*The Ohio State University*

**Sept. 2023 - Present**

*Columbus, United States*

### Just-in-time Defect Prediction Via Bi-Modal Change Representation Learning (Individual)

*Shanghai Jiao Tong University*

**Oct. 2022 – Aug. 2023**

*Shanghai, China*

### Interpretability for Pretrained Language Model

*Dartmouth College*

**Jun. 2022 – Jan. 2023**

*New Hampshire, United States*

### Self-Supervised Query Reformulation for Code Search

*Shanghai Jiao Tong University*

**Dec. 2021 - Jul. 2022**

*Shanghai, China*

### Zero-Shot Program Representation Learning

*Shanghai Jiao Tong University*

**Sept. 2021 - Jan. 2022**

*Shanghai, China*

## AWARDS

Outstanding Graduate (top 15% of Shanghai Jiao Tong University), 2023.

Silver Medal for NOI, China's National Olympiad in Informatics (top 0.6% by CCF, China Computer Federation), 2018.

## SKILLS

**Programming:** Python, C, C++, Java

**Algorithm:** Practiced over 1000 algorithm problems

**NLP (ML) Libraries:** PyTorch, Hugging Face, Transformer RL, Scikit-learn, deepspeed, peft