

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*. In revision, 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