

Ye Zheng

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Education

Ph.D. Student in Computer Science

Rochester Institute of Technology (Present)

Areas: Differential Privacy; Data Privacy

M.S. in Software Engineering

Shenzhen University (2023)

Areas: Neural Network Verification; Formal Verificaion

B.S. in Mathematics

Henan University (2020)

Majored in Pure Mathematics

Publications

1. Boosting Multi-neuron Convex Relaxation for Neural Network Verification.
Xuezhou Tang, **Ye Zheng**, Jiaxiang Liu. *SAS*, 2023.
2. MpBP: Verifying Robustness of Neural Networks with Multi-path Bound Propagation.
Ye Zheng, Jiaxiang Liu, Xiaomu Shi. *ESEC/FSE (Demonstration)*, 2022.
3. Multi-path back-propagation method for neural network verification (in Chinese).
Ye Zheng, Xiaomu Shi, and Jiaxiang Liu. *JOS* and *IJSI* (translated into English), 2022

List of Awards

Outstanding Graduate, Shenzhen University

2023

National Merit Scholarship, Ministry of Education, China

2022