

Ye Zheng

Ph.D. Student, Rochester Institute of Technology (RIT)

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Education

Ph.D. Student in Computer Science

Rochester Institute of Technology (Present)

Areas: differential privacy; data privacy protection

Master in Software Engineering

Shenzhen University (2023)

Areas: neural network verification; software verification

Bachelor in Mathematics

Henan University (2020)

Studied in “Ming De” experimental class of 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 Track*). 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

First prize, Scholarship of Shenzhen University (top 15% students)

2020, 2022

First prize, English Vocabulary Contest of Henan University

2017