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 Verification

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, 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