

# Ye Zheng

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

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## Education

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**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

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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

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**Outstanding Graduate**, Shenzhen University

2023

**National Merit Scholarship**, Ministry of Education, China

2022