

# Ye Zheng

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

✉ <https://zhengyeah.com>

✉ zhengye.cn@gmail.com ☎ +86 185-6701-1357



## Education

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### Ph.D. Student in Computer Science

Rochester Institute of Technology (Present)

Areas: Differential Privacy; Data Drivacy

### Master in Software Engineering

Shenzhen University (2023)

Areas: Neural Network Verification; Formal Verificaion

### Bachelor 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