

Ye Zheng

Graduate Student, Shenzhen University (SZU)

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Personal Profile

Started to learn about computers in middle school. Majored in mathematics and computer science. Have published two papers in top-level journals and conferences as the first author.

Education

Master in Software Engineering

Shenzhen University (Present)

Areas: neural network verification; software verification

Bachelor in Mathematics

Henan University (Sep 2020)

Studied in “Ming De” experimental class of mathematics

Publications

1. 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.
2. MpBP: Verifying Robustness of Neural Networks with Multi-path Bound Propagation.
Ye Zheng, Jiaxiang Liu, Xiaomu Shi. *ESEC/FSE (Demonstration Track)*. 2022.
3. Boosting Multi-neuron Convex Relaxation for Neural Network Verification.
Xuezhou Tang, **Ye Zheng**, Jiaxiang Liu. *submitting*.

List of Awards

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

Competences

Programming: skillful at **Python**; intermediate at **C**, **Matlab**, **HTML/CSS**, **JavaScript**

Writing: have much experience in **academic** and **literary** writing; skillful at **presentation**