



## Wenbin Wang

Second-year Grad  
Computer Science and Technology  
School of Information Science and Technology  
ShanghaiTech University

+86-13287520769

✉ [wenbinwang248@gmail.com](mailto:wenbinwang248@gmail.com)

✉ [wangwb2023@shanghaitech.edu.cn](mailto:wangwb2023@shanghaitech.edu.cn)

## EDUCATION

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### •ShanghaiTech University

Shanghai, China

2023 - present

Master student, Computer Science and Technology

CGPA/Percentage: 3.55 / 4.00

### •Huazhong Agricultural University

Wuhan, China

Advisor: [Prof. Zeyu Zhang](#)

2018 - 2022

Bachelor of Economics

CGPA/Percentage: 3.55 / 4.00

## EXPERIENCE

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### •Research Intern (remote)

03 / 2024 - 10 / 2024

Advised by [Prof. Minghong Fang](#)

Duke University, US

- Worked on the security and privacy of federated learning / Unlearning
- Poisoning Attacks and Defenses to Federated Unlearning (preprint)

### •Research Intern (remote)

10 / 2023 - 03 / 2024

Advised by [Dr. Xueyang Kang](#)

The University of Melbourne, Australia

KU Leuven University, Belgium

- Worked on 3D Reconstruction and Multi-view Diffusion
- Implicit Geometry Prior-Guided Probabilistic Sampling for Indoor Scene Rendering (preprint)

## AWARDS AND FELLOWSHIPS

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### •Outstanding graduate of the College of Economics and Management

2022

### •First Prize in the Hubei Provincial Division of the CUMCM

2020

### •Study Achievement Progress Award

2020

### •Second Prize of the 10th MathorCup University Mathematical Modeling

2020

### •First Prize of the 17th May 1st Mathematical Contest in Modeling

2020

### •Practical Innovation Award

2020

### •Second Prize of the 13th "Certification Cup" Mathematics Modeling Network Challenge

2020

### •"Merit Student" for the 2018 - 2019 year

2019

## PUBLICATIONS AND MANUSCRIPTS

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### •Optimal Covariance Sensing via Quadratic Sampling (preprint)

## RESEARCH INTERESTS

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My research interest focus on tackling efficiency problems in machine learning together from an algorithm or modeling. I have also spent time on the mathematical foundation of large language model.