

# Rui Hu

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## EDUCATION

<b>PH.D. Candidate in Computer Science and Technology</b>	Sept. 2024 - Jun. 2029(expected)
Institute for Interdisciplinary Information Sciences (IIIS), Tsinghua University	
Advisor: Prof. Longbo Huang	
<b>Bachelor of Engineering in Computer Science and Technology</b>	Sept. 2020 - Jun. 2024
Institute for Interdisciplinary Information Sciences (IIIS), Tsinghua University	GPA: 3.95/4.00

## RESEARCH INTERESTS

The theories and applications of machine learning algorithms, in particular reinforcement learning and generative flow networks.

## PUBLICATION

- Rui Hu\***, Yifan Zhang\*, Zhuoran Li and Longbo Huang, *Beyond Squared Error: Exploring Loss Design for Enhanced Training of Generative Flow Networks*, 13th International Conference on Learning Representations (ICLR), 2025. (\*equal contribution)
- Yuhao Liu, Yu Chen, **Rui Hu**, Longbo Huang, *Finite-Time Analysis of Discrete-Time Stochastic Interpolants*, ArXiv preprint, *arXiv:2502.09130*, 2025

## INTERNSHIP

<b>Research Internship at the University of Michigan, Ann Arbor</b>	Feb. 2023 - May 2023
working on MARL algorithms with global convergence guarantees	
supervised by Prof. Lei Ying	

## SELECTED HONORS AND AWARDS

<b>Tsinghua University Future Scholar Scholarship</b>	Jun. 2024
<b>IIIS Yao Award, Recognition Prize</b>	Sept. 2023
<b>Tsinghua University Comprehensive Excellence Scholarship</b>	Oct. 2023
<b>Tsinghua University Comprehensive Excellence Scholarship</b>	Oct. 2022
<b>Tsinghua University Academic Excellence Scholarship</b>	Oct. 2021
<b>Tsinghua University Social Practice Excellence Scholarship</b>	Oct. 2021
<b>Third Prize, 36th China National Olympiad in Informatics</b>	Jul. 2019
<b>First Prize (China Region), 13th Asia and Pacific Informatics Olympiad</b>	May 2019
<b>Second Prize, 31st International Olympiad in Informatics Chinese Team Selection</b>	May 2019
<b>First Prize, China National Olympiad in Informatics in Provinces</b>	Nov. 2018
<b>First Prize, China National Olympiad in Informatics in Provinces</b>	Nov. 2017