Rui Hu

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EDUCATION

PH.D. Candidate in Computer Science and Technology　　　　Sept. 2024 - Jun. 2029(expected)
Institute for Interdisciplinary Information Sciences (IIIS), Tsinghua University
Advisor: Prof. Longbo Huang

Bachelor of Engineering in Computer Science and Technology　　　　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*, 42nd International Conference on Machine Learning (ICML), 2025

INTERNSHIP

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

SELECTED HONORS AND AWARDS

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