

Hao-Yuan He (何浩源)

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EDUCATION

School of Computer Science, Nanjing Tech University B.Sc. degree of Computer Science.	2017 – 2021
School of Artificial Intelligence, Nanjing University M.Sc. student at LAMDA group. Advised by Prof. Ming Li.	2021 – 2024
School of Artificial Intelligence, Nanjing University Ph.D. student at LAMDA group. Advised by Prof. Ming Li.	2024 – Now

WORK EXPERIENCE

Research Intern, AI Lab, Tencent I was working on the game AI of King of Honor (王者荣耀).	2023.05 – 2023.07 Shenzhen, China
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RESEARCH

My research interests lie in the field of machine learning, with a particular focus on weakly supervised learning and abductive learning.	
[1] H.-Y. He , H. Sun, Z. Xie, and M. Li, “Ambiguity-Aware Abductive Learning,” in <i>Proceedings of The 41st International Conference on Machine Learning.</i> , Vienna, Austria: PMLR, 2024, pp. 18019–18042.	
[2] H.-Y. He , W.-Z. Dai, and M. Li, “Reduced Implication-bias Logic Loss for Neuro-Symbolic Learning,” <i>Machine Learning</i> , vol. 113, pp. 3357–3377, 2024.	
[3] Z. Xie, Y. Liu, H.-Y. He , M. Li, and Z.-H. Zhou, “Weakly Supervised AUC Optimization: A Unified Partial AUC Approach,” <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , vol. 46, no. 7, pp. 4780–4795, Jul. 2024.	
[4] H.-Y. He , Y. Liu, R.-B. Liu, Z. Xie, and M. Li, “Probabilistic Instance Dependent Label Refinement for Noisy Label Learning,” <i>Machine Learning</i> , 2025.	

ACADEMIC SERVICE

Volunteer MLA’2023, IJCLR’2024	2023 – Now
Conference Reviewer / PC Member ACML’2023, IJCLR’2024, MATH-AI@NeurIPS’2024, ICLR’2025	2023 – Now
Journal Reviewer Knowledge and Information Systems	2023 – Now

AWARDS

Outstanding Graduate Student Nanjing University	2023
Winner Award International Algorithm Case Competition, Track of Data Selection and Label Correction	2022
First Price of Academic Scholarship Top 10%, Nanjing University	2022, 2023
National Encouragement Scholarship JiangSu Education Department	2019
The First Price of The Chinese Mathematics Competitions Chinese Mathematical Society	2018, 2020