

# Hao-Yuan He (何浩源)

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## EDUCATION

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

## WORK EXPERIENCE

<b>Research Intern, AI Lab, Tencent</b> 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] <a href="#">H.-Y. He</a> , 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] <a href="#">H.-Y. He</a> , 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, <a href="#">H.-Y. He</a> , 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] <a href="#">H.-Y. He</a> , 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

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

## AWARDS

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