

RESEARCH INTEREST	I am generally interested in the intersection of statistical learning, online decision making and optimization. More specifically, my research focuses on reinforcement learning theory, especially in adversarial and multi-agent settings.	
EDUCATION	University of Southern California <i>M.Sc. in Analytics</i> Los Angeles, CA 2024 - 2026 • Advisor: Prof. Haipeng Luo • Research area: Online Learning, Reinforcement Learning Theory • GPA: 3.95/4.00	
	Hebei University of Technology <i>B.Econ. in Finance</i> Tianjin, China 2019 - 2023 • GPA: 3.45/4.00.	
EXPERIENCES	University of Southern California <i>Research Intern</i> Los Angeles, CA 2025.02 - 2025.12 • Advised by Prof. Haipeng Luo. • Investigating theoretical aspects of online learning and reinforcement learning in general. • Worked on designing algorithms for online MARL with only aggregate bandit feedback.	
	Shanghai Jiao Tong University <i>Research Intern</i> Shanghai, China 2025.05 - 2025.09 • Advised by Prof. Shuai Li, worked closely with Canzhe Zhao. • Investigating online learning in game settings and algorithmic game theory in general. • Finally get a near optimal decentralized algorithm for learning equilibrium in Markov games, improving the SOTA result. • Submitted to NeurIPS 2026.	
	University of Virginia <i>Research Intern</i> Charlottesville, VA 2026.03 - Present • Advised by Prof. Chen-Yu Wei. • Investigating reinforcement learning in large state space in general. • Working on designing provably efficient algorithms for MDPs with adversarial reward and linear function approximation. • Work in process.	
PUBLICATIONS	1. Improved Sample Complexity for Markov Games via Variance-Aware Bandit Learning. Hanbin Zhou* , Canzhe Zhao*, Shuai Li. <i>Submitted to NeurIPS 2026</i>	
AWARDS AND HONORS	• First Prize, The 12th Chinese Mathematics Competitions (Provincial) 2021.12 • Outstanding Undergraduate Thesis, Hebei University of Technology 2023.06	
SKILLS	Languages: Chinese, English, Japanese Programming: Python, R, Typst, L ^A T _E X	