

EDUCATION	Columbia University	NY, USA
	<i>Ph.D. in Operations Research</i> • Advisor: Hongseok Namkoong, Tianyi Peng • Research Interest: AI agent for sequential decision-making.	2022–Present
	Princeton University	NJ, USA
	<i>B.A. in Mathematics</i> • Graduated with High Honors in Mathematics, Phi Beta Kappa, Sigma Xi Society • Thesis: Model-Misspecified Offline Reinforcement Learning • Advisor: Mengdi Wang	2018–2022
PAPERS	1. Speculative Actions: A Lossless Framework for Faster Agentic Systems Naimeng Ye*, Arnav Ahuja*, Georgios Liargkovas*, Yunan Lu*, Kostis Kaffes, Tianyi Peng Under review.	
	2. Differences-in-Neighbors for Network Interference in Experiments Tianyi Peng, Naimeng Ye, and Andrew Zheng (α - β order) ACM EC 2025, journal version in preparation	
	3. Exchangeable Sequence Models Can Naturally Quantify Uncertainty Over Latent Concepts Naimeng Ye and Hongseok Namkoong. ICLR 2024 Workshop ME-FoMo. Submitted to Operations Research	
	4. PersonalLLM: Tailoring LLMs to Individual Preferences. Tom Zollo*, Andrew Siah*, Naimeng Ye, Ang Li, and Hongseok Namkoong. ICLR 2025.	
	5. AI Agents for Web Testing: A Case Study in the Wild. Naimeng Ye*, Xiao Yu*, Ruize Xu*, Tianyi Peng, and Zhou Yu. NeurIPS 2025 LAW Workshop	
WORKING PROJECTS	SynthTools: A Framework for Scaling Synthetic Tools for Agent Development <i>with Tommaso Castellani, Daksh Mittal, Thomson Yen, and Hongseok Namkoong</i>	2025
	Sequence Models as algorithms and meta-learners <i>with Priyank Agrawal and Hongseok Namkoong</i>	2025
	Adaptive tool use: scaling up post-training RL environments <i>with Daksh Mittal, Thomson Yen, Minghui Chen, Tommaso Castellani, Hanming Yang, and Hongseok Namkoong</i>	2025

PRIOR EXPERIENCE	Undergrad Thesis in Reinforcement Learning NJ, USA <i>with Professor Mengdi Wang of Princeton University</i> • Worked to develop the first gap-dependent sample complexity bound for general pessimistic algorithms in offline RL setting.	June 2021 – May 2022
	Undergrad Researcher in Cryptography NJ, USA <i>with Professor Mark Zhandry of Princeton University</i> • Worked to develop a general relationship between security of cryptographic schemes with classical access to a random oracle (ROM) and schemes with quantum access to a random oracle (QROM).	Feb 2020 – May 2021
	University of Chicago Mathematics REU USA <i>with Professor Peter May of University of Chicago</i> • Wrote a expository paper “Equivariant K-theory and the Atiyah-Segal Completion Theorem”, supervised by Dr. Akhil Matthew and Professor Peter May.	June 2020 - Sep 2020
AWARDS AND HONORS	Deming Doctoral Fellowship , Columbia Business School	2025-2026
	Shapiro Prize for Academic Excellence , Princeton University	September 2019
	Manfred Pyka Memorial Prize in Physics , Princeton University	June 2019
	CGMO Gold Medalist , China,	July 2017
ACADEMIC SERVICES	Reviewer for: <i>International Conference on Learning Representations</i> , 2025, 2026	
	Reviewer for: <i>International Conference on Artificial Intelligence and Statistics</i> , 2026	
	Reviewer for: <i>Conference on Neural Information Processing Systems</i> , 2024	
TEACHING EXPERIENCE	PhD Generative AI: Technical and Social: Fall 2025	
	EMBA Managerial Statistics: <i>EMBA Core</i> , Fall 2025, Fall 2024, Fall 2023	
	MBA Managerial Statistics: <i>MBA Core</i> , Fall 2024	
	COS217: Introduction to Programming Systems , Spring 2020	
SKILLS	Languages: English, Chinese.	
	Programming: Python, Java,C, Solidworks.	