

Runqi Wang

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EDUCATION

Bachelor in Mathematics & Applied Mathematics and Artificial Intelligence 2023.9 - 2027.6 (expected)
School of Mathematical Sciences, Shanghai Jiao Tong University. GPA: 3.82/4.3, Weighted Rank: 2/37.
Course: Probability (90), PDE (92), Design and Analysis of Algorithms (95), Graphs and Networks (98).

SKILLS AND INTERESTS

Skills Python \geq C++ = MATLAB.
Interests Bandit Theory, Reinforcement Learning.

PROJECTS

Unlearning Offline Stochastic Multi-Armed Bandits 2025.7 – 2026.1
Research. Advisor: Prof. Xutong Liu (UW, Tacoma), Prof. Mengfan Xu (UMass), Prof. Shuai Li (SJTU), Prof. Mohammad Hajiesmaili (UMass).

- Lead the full experimental pipeline, including simulation design, implementation, and evaluation.
- Contribute to the theoretical development and proof of certified data removal in stochastic bandit settings.
- Demonstrate both theoretically and empirically that the proposed method satisfies formal unlearning criteria under offline bandit feedback.

Near-Optimal Regret for Efficient Stochastic Combinatorial Semi-Bandits 2025.2 – 2025.6
Research. Advisor: Prof. Xutong Liu, Prof. Shuai Li.

- Lead all experimental studies and supported the theoretical regret analysis of the proposed algorithm.
- Empirically validate that the method achieves a near-optimal trade-off between exploration and exploitation.
- Design simulations to evaluate regret bounds, sample efficiency, and computational scalability under semi-bandit and cascading bandit.

RESEARCH PUBLICATION

Zichun Ye*, **Runqi Wang***, Xuchuang Wang, Xutong Liu, Shuai Li, Mohammad Hajiesmaili. *Unlearning Offline Stochastic Multi-Armed Bandits*, in submission. ICML 2026

Zichun Ye, **Runqi Wang**, Xutong Liu, Shuai Li. *Near-Optimal Regret for Efficient Stochastic Combinatorial Semi-Bandits*, in submission. ICML 2026

POSITION OF RESPONSIBILITY

President of the Student Union 2024.12 - 2025.11
School of Mathematical Sciences, Shanghai Jiao Tong University

- Lead the Academic and Cultural Affairs divisions of the School's Student Union. Conduct structured needs assessments across different academic cohorts and initiate multiple student-centered programs tailored to demands.
- Double the total number of organized events compared to the previous term, with overall participation increasing by over 400% year-over-year.

ACHIEVEMENTS

China Undergraduate Mathematical Contest in Modeling, National First Prize (Top 0.5%)

2025

Chenchen Guo's Scholarship of SJTU School of Mathematical Sciences

2025

The Tung Foundation's Scholarship of SJTU

2024

Second-Class Scholarship of SJTU

2024

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.