Fang Kong (孔芳)

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Education

Shanghai Jiao Tong University   09/2020-06/2025(expected)
John Hopcroft Center for Computer Science   Ph.D. candidate
Advisor: Prof. Shuai Li

Shandong University   09/2016-06/2020
Bachelor's Degree in Software Engineering (Rank 1/318)

Publications

1. **Fang Kong**, Shuai Li, "Achieving Player-optimal Stable Regret Guarantee for Bandit Learning in Matching Markets", Accepted at SODA. 2023.
2. **Fang Kong**, Yichi Zhou, Shuai Li, "Simultaneously Learning Stochastic and Adversarial Bandits with General Graph Feedback", International Conference on Machine Learning (ICML), 2022.
3. **Fang Kong**, Junming Yin, Shuai Li, "Thompson Sampling for Bandit Learning in Matching Markets", International Joint Conference on Artificial Intelligence (IJCAI), 2022.
4. **Fang Kong**, Yueran Yang, Wei Chen, Shuai Li, "The Hardness Analysis of Thompson Sampling for Combinatorial Semi-bandits with Greedy Oracle", Proceedings of the Conference on Neural Information Processing Systems (NeurIPS), 2021.
5. **Fang Kong**, Yueran Yang, Wei Chen, Shuai Li, "Combinatorial Online Learning based on Optimizing Feedbacks (in Chinese)", Big Data Research, 2021.
6. Shuai Li, **Fang Kong**, Kejie Tang, Qizhi Li, Wei Chen, "Online Influence Maximization under Linear Threshold Model", Proceedings of the Conference on Neural Information Processing Systems (NeurIPS), 2020.
7. **Fang Kong**, Qizhi Li, Shuai Li, "A Survey on Online Influence Maximization" (in Chinese), Computer Science, 2020.

Internships

WXG, Tencent   07/2022-12/2022(expected)
As a member of the Tencent Rhino-Bird Research Elite Program

Computational Learning Theory Group, Microsoft Research Asia (MSRA)   12/2021-05/2022
Mentor: Dr. Yichi Zhou

Alibaba DAMO Academy 06/2021-08/2021

Mentor: Dr. Xue Wang and Dr. Tao Yao

Awards

1. National Scholarship (for Ph.D. students), from the ministry of Education of China, 2022
2. Award of Excellence in Stars of Tomorrow Internship Program, Microsoft Research Asia, 2022
3. First Prize for Outstanding Ph.D. Student in John Hopcroft Center, 2022
4. Outstanding Graduates of Shandong Province, 2020
5. Honours Bachelor of Shandong University, 2020
6. Outstanding Undergraduate Thesis of Shandong University, 2020
7. National Scholarship (for undergraduate students), from the ministry of Education of China, 2018,2017
8. First-class scholarship for outstanding students in Shandong University, 2018,2017

Reading Group Experiences

1. [Online Convex Optimization](), Fall 2022, Spring 2020
2. [RL Theory](), Spring 2022
3. Bandits and RL theory seminar (for recent related works), Spring 2020 – present
4. [Bandit Algorithms](), Fall 2019

Professional Services

Conference Reviewer for

International Conference on Machine Learning (ICML) 2022

Conference on Neural Information Processing Systems (NeurIPS) 2022-2021

Conference Sub-reviewer for

AAAI Conference on Artificial Intelligence (AAAI) 2023

Conference on Uncertainty in Artificial Intelligence (UAI) 2022,2021

International Conference on Artificial Intelligence and Statistics (AISTATS) 2022

International Conference on Machine Learning (ICML) 2021

Journal Sub-reviewer for

IEEE Transactions on Neural Networks and Learning Systems (TNNLS)

Production and Operations Management (POM) 2022

Journal of Global Optimization (JOGO) 2021

Teaching Assistantships

CS3317 Artificial Intelligence (Undergraduate), SJTU,	Fall 2022
CS445 Combinatorics (undergraduate), SJTU	Fall 2021
CS410 Artificial Intelligence (Undergraduate), SJTU	Fall 2020