Yan Dai / DAI Yan

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Education

Institute for Interdisciplinary Information Sciences,
Tsinghua University, Beijing, China   Sept. 2020 – Present

Computer Science, and Technology (Special Pilot Class in CS, **a.k.a.** Yao Class).
GPA: 3.99/4.00; Selected course grades listed below.

Department of Mathematics Sciences,
Tsinghua University, Beijing, China   Sept. 2021 – Present

Mathematics, and Applied Mathematics (Minor).

Visiting, and Internship

Computer Science Department, University of Southern California (Remote)   Spring, 2022
Visiting student, advised by Prof. Haipeng Luo.

Paul G. Allen School, University of Washington (Remote)   Winter, 2022
Visiting student, advised by Prof. Simon S. Du.

IIIS, Tsinghua University (Beijing, China)   Summer & Fall, 2021
Research assistant, hosted by Prof. Longbo Huang.

Publications

(* stands for equal contribution. Listed in reverse chronological order.)

Manuscripts

[4] Yan Dai, Haipeng Luo, and Liyu Chen. "Follow-the-Perturbed-Leader for Adversarial Markov Decision Processes with Bandit Feedback". *In submission.* [PDF]

[3] Yan Dai, Ruosong Wang, and Simon S. Du. "Variance-Aware Sparse Linear Bandits". *In submission.* [PDF]

[2] Jiatai Huang*, Yan Dai*, and Longbo Huang. "Scale-Free Adversarial Multi-Armed Bandit with Arbitrary Feedback Delays". *In submission.* [PDF]

Conference Papers

[1] (ICML 2022) Jiatai Huang*, Yan Dai*, and Longbo Huang. "Adaptive Best-of-Both-Worlds Algorithm for Heavy-Tailed Multi-Armed Bandits". *Thirty-ninth International Conference on Machine Learning.* [PDF]

Selected Awards

- 12·9 Scholarship *(awarded to only 1 sophomore per department)*, Tsinghua University   2021
- Gold Medal *(5th place)*, Chinese National Olympiad in Informatics (NOI)   2018
- 2nd Place, National Collegiate Water Polo Championships   2021

Selected Course Grades

Linear Algebra	A+	Causal, and Statistical Learning	A+
Theory of Computation	A+	Game Theory	A+
Formal Languages, and Automata	A+	Introduction to Computer Science	A+
Advanced Computer Graphics	A+	Computer Architecture	A+

Services

Conference Reviewing: AISTATS 2022, NeurIPS 2022, AISTATS 2023