JACKY YIBO ZHANG

Siebel Center for Computer Science, Urbana, IL 61801, USA

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EDUCATION

University of Illinois at Urbana-Champaign   *2019 - present*
PhD Student in Computer Science
Advisor: Sanmi Koyejo
Department of Computer Science

University of Science and Technology of China   *2015 - 2019*
B.E. in Computer Science (summa cum laude)
Advisor: Chao Qian
Department of Computer Science and Technology

RESEARCH INTERESTS

Optimization: non-convex optimization, combinatorial optimization, stochastic optimization, submodular optimization.
Algorithms: approximation algorithms, heuristic algorithms.
Machine Learning: broadly in understanding and designing Machine Learning algorithms, especially from a theoretical point of view.

PUBLICATIONS

[1] **Jacky Y. Zhang**, Rajiv Khanna, Anastasios Kyrillidis, and Oluwasanmi Koyejo. Learning Sparse Distributions using Iterative Hard Thresholding. In *Conference on Neural Information Processing Systems (NeurIPS'19)*, Vancouver, Canada, 2019.

[2] Chao Qian, **Yibo Zhang**, Ke Tang, and Xin Yao. On Multiset Selection with Size Constraints. In *Conference on Artificial Intelligence (AAAI'18)*, New Orleans, LA, 2018.

PREPRINTS

[1] **Yibo Zhang**, Chao Qian, and Ke Tang. Maximizing Monotone DR-submodular Continuous Functions by Derivative-free Optimization. *Preprint: arXiv 1810.06833, 2018.*

EXPERIENCE

Tencent WeChat   *Shenzhen, China*
Research Intern   *Summer 2019*

SCHOLARSHIP AND AWARDS

Guo Moruo Scholarship   *2018*
Highest honor (Top 1%) for undergraduate students in USTC.

Outstanding Student Scholarship Golden Award   *2017*

Outstanding Student Scholarship Golden Award   *2016*