

JACKY YIBO ZHANG

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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

Machine Learning: broadly in understanding and designing Machine Learning algorithms, especially from a theoretical point of view.

Optimization: non-convex optimization, combinatorial optimization, stochastic optimization, sub-modular optimization.

Algorithms: approximation algorithms, heuristic algorithms.

PUBLICATIONS

* indicates equal contribution.

- [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

- [3] **Jacky Y. Zhang**, Rajiv Khanna, Anastasios Kyrillidis, and Oluwasanmi Koyejo. Bayesian Core-sets: An Optimization Perspective. *Preprint: arXiv 2007.00715*, 2020.
- [4] Kaizhao Liang*, **Jacky Y. Zhang***, Oluwasanmi Koyejo, and Bo Li. Does Adversarial Transferability Indicate Knowledge Transferability?. *Preprint: arXiv 2006.14512*, 2020.
- [5] **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
Research Intern

Shenzhen, China
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