

Zijian Liu

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Education

Sept. 2021 **Department of Computer Science, Boston University, MA**

– Now Ph.D. in Computer Science

GPA: 4.00/4.00

Sept. 2019 **Courant Institute of Mathematical Sciences, New York University, NY**

– May 2021 M.S. in Computer Science

GPA: 3.889/4.000

Sept. 2015 **School of Computer Science, Wuhan University, Wuhan, China**

– June 2019 B.Eng. in Software Engineering

GPA: 85.4/100

Research Interests

Convex and Non-convex Optimization, Theoretical Machine Learning

Publications & Manuscripts

(* indicates equal contribution)

Adaptive Accelerated (Extra-)Gradient Methods with Variance Reduction

Zijian Liu*, Ta Duy Nguyen*, Alina Ene, Huy L. Nguyen

Submitted to International Conference on Machine Learning (ICML)

Distributionally Robust Q-Learning

Zijian Liu*, Zhengqing Zhou*, Perry Dong, Qinrun Bai, Jose Blanchet, Wei Xu, Zhengyuan Zhou

Submitted to International Conference on Machine Learning (ICML)

Research Experience

Sept. 2021 **Boston University**

– Now Advisor: Prof. Alina Ene

Work on Convex Optimization

Teaching Experience

Fall 2020 **Bayesian Machine Learning**, Section Leader

New York University

Instructor: Prof. Andrew Gordon Wilson

- Teach supplementary materials and advanced topics in recitation class
- Grade assignments

Skills

Programming Languages: Python, C/C++, Java, Scheme, MATLAB

Language: Chinese, English