Zijian Liu

✉ zl3067@bu.edu

Education

Sept. 2021 – Now	**Department of Computer Science, Boston University,** MA Ph.D. in Computer Science **GPA:** 4.00/4.00
Sept. 2019 – May 2021	**Courant Institute of Mathematical Sciences, New York University,** NY M.S. in Computer Science **GPA:** 3.889/4.000
Sept. 2015 – June 2019	**School of Computer Science, Wuhan University,** Wuhan, China 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, Qinxun Bai, Jose Blanchet, Wei Xu, Zhengyuan Zhou

Submitted to International Conference on Machine Learning (ICML)

Research Experience

Sept. 2021 – Now	**Boston University** Advisor: Prof. Alina Ene Work on Convex Optimization

Teaching Experience

Fall 2020	**Bayesian Machine Learning,** Section Leader Instructor: Prof. Andrew Gordon Wilson	New York University

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

Skills

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

Language: Chinese, English