

ZHAOYI ZHOU

Institute for Interdisciplinary Information Sciences, Tsinghua University

zhouzhao20@mails.tsinghua.edu.cn

<https://zhaoyizhou1123.github.io/>

RESEARCH INTERESTS

Machine Learning, Learning Theory, Reinforcement Learning, Deep Learning, Non-convex Optimization, Game Theory, Large Language Models

EDUCATION

Tsinghua University (Undergraduate Student)

Sep 2020 - Now

Major in Computer Science and Technology (Yao Class)

Overall GPA: 3.97/4.00

University of Washington (Visiting Scholar)

Feb 2023 - Now

Advisor: Simon Shaolei Du

SELECTED HONORS

- Excellent Academic Scholarship (Tsinghua University, 2022);
- Excellent Scientific Innovation Scholarship (Tsinghua University, 2022);
- Excellent Comprehensive Scholarship (Tsinghua University, 2021).

PUBLICATIONS AND PREPRINTS

- Zhaoyi Zhou, Zaiwei Chen, Yiheng Lin, and Adam Wierman
Convergence Rates for Localized Actor-Critic in Networked Markov Potential Games
Under review (2023). [arXiv]

SELECTED COURSES WITH GRADE A+

- Linear Algebra
- Calculus A(2)
- Introduction to Computer Science
- Game Theory
- General Physics(2)(in English)

SKILLS

- Mathematics: calculus, linear algebra, abstract algebra, probability theory and optimization.
- Computer Science: machine learning, game theory, theoretical computer science, quantum computing.
- Programming: C++, Python, Go, Verilog