

YE ZICHUN

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🎓 EDUCATION

Shanghai Jiao Tong University

Shanghai, China

B.Eng. in Computer Science and Engineering

September 2020 - June 2024

- GPA 90.51/100 (or 3.88/4.3), Rank 11/108.
- Achieved A on more than 30 courses, including all theoretical computer science courses.
(Discrete Mathematics, Probabilistic Theory, Computing Theory, etc)
- CET6: 604(December 2021).

Shanghai Jiao Tong University

Shanghai, China

MA.Eng. in Computer Science and Engineering

September 2024 - now

👤 EXPERIENCE

Research

July 2022 – Present

Shanghai Jiao Tong University

BASICS, Advised by Prof. Chihao Zhang

Research Interest : online learning

- Understanding Memory-Regret Trade-Off for Streaming Stochastic Multi-Armed Bandits
Yuchen He, **Zichun Ye**, Chihao Zhang
In Proceedings of the ACM-SIAM Symposium on Discrete Algorithms(**SODA 2025**).
- Tight Gap-Dependent Memory-Regret Trade-Off for Single-Pass Streaming Stochastic Multi-Armed Bandits
Zichun Ye, Chihao Zhang, Jiahao Zhao
In submission.

Teaching Assistant

- CS3958: Topics in Modern Algorithms Fall 2023
With Houshuang Chen, instructed by Chihao Zhang.
- CS3936: Topics in Modern Algorithms Fall 2024
Instructed by Chihao Zhang.

📁 PROJECTS

🐱 Simulated annealing algorithm for optimizing parallel computing

May 2022

C++, Python

Simplify the model of the problem to two types: single core and multiple cores

- It's a NP-complete problem.
- The outcome is between 1 and 1.8 times the theoretical optimal time.

🐱 Data analysis UI based on Qt

January 2022

C++

Design UI and utilize the database function of Qt to analyse POI(Point of Interest)

- 1.5 million pieces of data.
- Using multiple types of graphs to visualize.

⚙️ SKILLS

- Programming Languages: C++, Python
- Technical Skills: Qt(software), MySQL(database)

🌟 HONORS AND AWARDS

Zhiyuan Honor Scholarship

December 2021,2022,2023

Huawei Fellowship

October 2022

COSCO First Class Scholarship

October 2021