

# 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 Instance-Dependent Memory-Regret Trade-Off for Single-Pass Streaming Stochastic Multi-Armed Bandits  
**Zichun Ye**, Chihao Zhang, Jiahao Zhao  
International Conference on Artificial Intelligence and Statistics(**AISTATS 2025**), in submission

### Teaching Assistant

- CS3958: Topics in Modern Algorithms Fall 2023  
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

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Zhiyuan Honor Scholarship  
Huawei Fellowship  
COSCO First Class Scholarship

December 2021,2022,2023  
October 2022  
October 2021