

YE ZICHUN

✉ alchemist@sjtu.edu.cn · ☎ (+86) 159-7228-9669 · 🐱 AlchemistYe

🎓 EDUCATION

Shanghai Jiao Tong University

Shanghai, China

B.Eng. in Computer Science and Engineering

September 2020 - June 2024(Expected)

- 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)

👥 EXPERIENCE

Research

July 2022 – Present

Shanghai Jiao Tong University

Instructor : Zhang Chihao(head teacher of ACM class)

Research Interest : approximation algorithm and complexity of counting and sampling problems

- Understanding Memory-Regret Trade-Off for Streaming Stochastic Multi-Armed Bandits
Yuchen He, **Zichun Ye**, Chihao Zhang
Conference on Learning Theory(COLT 2024), submitted

📁 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), Pwn(CTF)

🌟 HONORS AND AWARDS

Zhiyuan Honor Scholarship

December 2022

Huawei Fellowship

October 2022

COSCO First Class Scholarship

October 2021