

YUHAN CAO

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🎓 EDUCATION

University of Wisconsin - Madison, Madison, Wisconsin, United States 2023 – 2023

Visiting Student in Computer Science (CS) Thematic Track

- Overall GPA: 4.0/4.0
- Selected Coursework: Introduction to Artificial Intelligence (Rank 1/354 in Final)

ShanghaiTech University, Shanghai, China 2020 – Present

B.S. in Computer Science (CS), expected June 2025

- Overall GPA: 3.55/4.0
- Subject Area GPA: 3.95/4.0
- Merit Student in 2022 (top 3% ~ 7%)

🔬 RESEARCH EXPERIENCE

Shanghai Qi Zhi Institute Shanghai, China Oct. 2024 – Now

Research Intern advised by Prof. Tianxing He

Microsoft Research Asia Shanghai, China Mar. 2024 – Now

Research Intern advised by Prof. Kan Ren and Dr. Yansen Wang

Peking University Beijing, China Jun. 2023 – Nov. 2023

Research Intern advised by Dr. Zhaohua Chen and Prof. Xiaotie Deng

ShanghaiTech University Shanghai, China Jul. 2022 – Now

Undergraduate Researcher advised by Prof. Dengji Zhao

📄 SELECTED PAPERS

Combinatorial Auction Framework on Network Jul. 2024 – Aug. 2024

Xuanyu Li, Miao Li, Yuhan Cao and Dengji Zhao Submitted to AAAI 2025

Double Auction on Diffusion Network Jan. 2023 – Aug. 2023

Miao Li, Yuhan Cao and Dengji Zhao AAAI 2024, Oral Presentation Received

Rethinking The Editing of Generative Adversarial Networks: A Method to Estimate Editing Vectors
Based on Dimension Reduction Sep. 2022 – Jan. 2023

Yuhan Cao, Haoran Jiang*, Zhenghong Yu*, Qi Li* and Xuyang Li** Teaching Professor: Sipei Yang

🎓 TEACHING EXPERIENCE

SI 100B & SI 100F (Introduction to Information Science) Sep. 2021 – Now

Head Teaching Assistant in Spring 2022 Teaching Professor: Yue Qiu

(Head) Teaching Assistant in Fall 2021, 2022, 2023 Teaching Professor: Shenghua Gao

Teaching Assistant in Spring 2023 Teaching Professor: Rui Fan, Shu Yin

CS 101 (Algorithms and Data Structures)

Sep. 2022 – Jan. 2024

Teaching Assistant, Leader of Programming Assignments Team in Fall 2022, 2023 Teaching Professor: Dengji Zhao, Yuyao Zhang, Xin Liu, Hao Geng

CS 100 (Introduction to Programming)

Feb. 2022 – Jun. 2022

Teaching Assistant Teaching Professor: Lan Xu, Laurent Kneip

Jingdong Programming and Algorithm Designing Competition 2022

May. 2022 – Jun. 2022

Algorithm Problems Author Collaborated with authors from Tsinghua University

⚙️ SKILLS

- C (with STL): 8 years
- \LaTeX : 5 years
- Python: 4 years
- C++: 1 year
- C#, Unity, RISC-V: 0.5 years

♥️ HONORS AND AWARDS (SELECTED)

<i>2nd Prize, Rank 20</i> , Award on CCPC Shanghai	Jun. 2024
<i>1st in Honorable Mention</i> , Award on ICPC EC Final	Jul. 2022
<i>Outstanding Teaching Assistant</i>	Jun. 2022 & Jan. 2024
<i>3rd Prize, Rank 100</i> , Award on CCPC Weihai Regional	Nov. 2022

📄 MISCELLANEOUS

- Personal Website: <https://teafrogssf.github.io>