

# YUHAN CAO

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## 🎓 EDUCATION

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**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

- CGPA over past two years: 3.71/4.0
- Subject Area GPA: 3.95/4.0
- Merit Student in 2022 (top 3% ~ 7%)

## 🔬 RESEARCH EXPERIENCE

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**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

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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

## 👨‍🏫 TEACHING EXPERIENCE

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**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

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- C (with STL): 8 years
- L<sup>A</sup>T<sub>E</sub>X: 5 years
- Python: 4 years
- C++: 1 year
- C#, Unity, RISC-V: 0.5 years

## ♥️ HONORS AND AWARDS (SELECTED)

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

## 📄 MISCELLANEOUS

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