## **EDUCATION**

University of Michigan

PhD in Computer Science and Engineering

Ann Arbor, US

Aug. 2023 – Present

University of Oxford

Undergraduate Visiting Student in Computer Science

Oxfordshire, UK

Oct. 2021 - June. 2022

Xi'an Jiaotong University

Bachelor of engineering in Computer Science, Honor class of CS; GPA: 4.03/4.3

Xi'an, China

Sept. 2019 - July. 2023

Xi'an Jiaotong University

Young Gifted Class preparatory course

Xi'an, China

Sept. 2017 - June. 2019

## Publications/Manuscripts

In theoretical computer science, authors are usually sorted in alphabetical order.

Explicit Folded Reed-Solomon and Multiplicity Codes Achieve Relaxed Generalized Singleton Bound

Yeyuan Chen, Zihan Zhang

• Submitted to STOC 2025

The Gap Between Greedy Algorithm and Minimum Multiplicative Spanner

Yeyuan Chen

o Submitted to ITCS 2025

Unique-neighbor Expanders with Better Expansion for Polynomial-sized Sets

Yeyuan Chen

o SODA 2025

Calibrate and Boost Logical Expressiveness of GNN Over Multi-Relational and Temporal Graphs

Yeyuan Chen, Dingmin Wang

o NeurIPS 2023

Range Avoidance, Remote Point, and Hard Partial Truth Table via Satisfying-Pairs Algorithms

Yeyuan Chen, Yizhi Huang, Jiatu Li, Hanlin Ren

o STOC 2023

Efficient Embeddings of Logical Variables for Query Answering over Incomplete Knowledge Graphs

Dingmin Wang, Yeyuan Chen, Bernardo Cuenca Grau

o AAAI 2023

## SELECTED HONORS AND AWARDS

- International Collegiate Programming Contest
  - o Bronze Medal (13th place, 16th team) in 2022-2023 47th World Finals in Luxor
  - o 1st place in East Asia Regional Contest (Shanghai site 2020) (1/676) Advances to World Finals 2021
  - o 2nd place in East Asia Regional Contest (Hongkong site 2022) (2/115) Advances to World Finals 2023
  - o 2nd place in North American East Central Regional Contest (3rd place in the whole East) 2023
  - o 4th place in East Asia Regional Contest (Nanjing site 2022) (4/417)
  - o 5th place in Northwestern Europe Finals 2021 (5/129) (https://2021.nwerc.eu/standings/)
  - o 15th place in North American Finals 2024 Advances to World Finals 2024 in Astana
- China Collegiate Programming Contest
  - $\circ~$  2nd place in Qinhuangdao site 2020 (2/243), 3rd place in Harbin site 2019 (3/272)
  - o 4th place in China Finals 2021 (4/115), 4th place in Weihai site 2020 (4/267)
- CCF Collegiate Computer Systems & Programming Contest Gold Medal 2021
- Scholarships: Jieshan Scholarship 2021, XJTU First Class Scholarship 2021

## Miscellaneous

• GRE 329 Verbal 159, Quantitative 170, AW 3.5