Yeyuan Chen

Email : yychen9961@gmail.com/yeyuanch@umich.edu

EDUCATION

- **University of Michigan** Ann Arbor, US
  PhD in Computer Science and Engineering *Aug. 2023 – Present*

- **University of Oxford** Oxfordshire, UK
  Undergraduate Visiting Student in Computer Science *Oct. 2021 – June. 2022*

- **Xi'an Jiaotong University** Xi'an, China
  Bachelor of engineering in Computer Science, Honor class of CS; GPA: 4.03/4.3 *Sept. 2019 – July. 2023*

- **Xi'an Jiaotong University** Xi'an, China
  Young Gifted Class preparatory course *Sept. 2017 – June. 2019*

PUBLICATIONS/MANUSCRIPTS

Unless otherwise stated, all authors contribute equally to the project. For those papers 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
  - **STOC 2025**

- **The Gap Between Greedy Algorithm and Minimum Multiplicative Spanner**
  Yeyuan Chen
  - Submitted

- **Unique-neighbor Expanders with Better Expansion for Polynomial-sized Sets**
  Yeyuan Chen
  - **SODA 2025**

- **Calibrate and Boost Logical Expressiveness of GNN Over Multi-Relational and Temporal Graphs**
  Yeyuan Chen, Dingmin Wang
  - **NeurIPS 2023**

- **Range Avoidance, Remote Point, and Hard Partial Truth Table via Satisfying-Pairs Algorithms**
  Yeyuan Chen, Yizhi Huang, Jiatu Li, Hanlin Ren
  - **STOC 2023**

- **Efficient Embeddings of Logical Variables for Query Answering over Incomplete Knowledge Graphs**
  Dingmin Wang, Yeyuan Chen, Bernardo Cuenca Grau
  - **AAAI 2023**

SELECTED HONORS AND AWARDS

- **U Michigan CSE Honors Competition** 2nd Place 2024
- **International Collegiate Programming Contest**
  - **Bronze Medal** (13th place, 16th team) in 2022-2023 47th **World Finals** in Luxor
  - *1st place* in East Asia Regional Contest (Shanghai site 2020) (1/676) **Advances to World Finals 2021**
  - *2nd place* in East Asia Regional Contest (Hongkong site 2022) (2/115) **Advances to World Finals 2023**
  - *2nd place* in North American East Central Regional Contest (3rd place in the whole East) 2023
  - *4th place* in East Asia Regional Contest (Nanjing site 2022) (4/417)
  - *5th place* in Northwestern Europe Finals 2021 (5/129) (https://2021.nwerc.eu/standings/)
  - *15th place* in North American Finals 2024 **Advances to World Finals 2024** in Astana

- **China Collegiate Programming Contest**
  - *2nd place* in Qinhuangdao site 2020 (2/243), *3rd place* in Harbin site 2019 (3/272)
  - *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