Yuhao YAO

yaobig97@gmail.com ⋄ https://www.linkedin.com/in/yuhao-yao-a8706523a/

As a recent graduate of ETH Zürich, I have completed many courses in Theoretical Computer Science and have gained a strong foundation in linear algebra and number theory. Furthermore, I have dedicated considerable time to competitive programming and have achieved notable results.

EDUCATION

Master of Computer Science, ETH Zürich, Zürich, Switzerland   09.2019 - 12.2022

- Academics: GPA 5.79/6.00 (with distinction).
- Relevant Coursework: Randomized Algorithms and Probabilistic Methods, Advanced Algorithms, Optimization for Data Science, Master Thesis (On Some Optimization Methods for Unconstrained Optimization Problems).

Bachelor of Computer Science, University of Chinese Academy of Sciences, Beijing, China   09.2015 - 07.2019

- Academics: GPA: 3.94/4.00 (Ranking: 1/86).
- Relevant Coursework: Introduction to Theory of Computation, Design and Analysis of Algorithms, Data Structure, Artificial Intelligence: The Bascis, Computer Architecture, Operating System.
- Honors: National Scholarship (2016, 2017; top 1%), UCAS First-Class Scholarship (2016, 2017, 2018; top 5%).

HONORS

The 45th Annual ICPC World Finals Dhaka, 5th place, Silver Medal, Europe Champion   11.2022

- The International Collegiate Programming Contest (ICPC) is the premier global programming competition conducted by and for the world's universities. More than 50,000 students from more than 3,000 universities participate ICPC each year.
- Only 132 teams, each consisting of three members, advanced to the World Finals Dhaka.

Meta Hacker Cup 2022 Round 3, 87th out of 500   10.2022

- Meta Hacker Cup is an annual international (individual) programming competition hosted and administered by Facebook, which is open to participants around the world.

PUBLICATIONS

Minming Li, Pinyan Lu, Yuhao Yao, Jialin Zhang: **Strategyproof Mechanism for Two Heterogeneous Facilities with Constant Approximation Ratio**, *International Joint Conference on Artificial Intelligence (IJCAI) 2020.* (Authors are listed in the lexicographical order of last name.)

LEADERSHIP EXPERIENCE

Leader of ACM-ICPC Group at University of Chinese Academy of Sciences.   09.2016 - 08.2018

- Organized weekly, winter and summer training sessions.

Leader of Swimming Club at University of Chinese Academy of Sciences.   09.2016 - 08.2018

- Managed new member registration and planned weekly activities.
- Led the team in the annual swimming event in the Beijing-Tianjin-Hebei Region.

SKILLS & INTERESTS

Languages: English (Fluent), Mandarin (Native).
Programming: C++.
Interests: Swimming, Football.