

Yuhao YAO

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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 Basics, 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

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

- Responsible for weekly, winter and summer trainings.

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

- Responsible for registration of new members and planning of weekly routine activities.
- Leading team for participation in annual swimming event in Beijing-Tianjin-Hebei Region.

SKILLS & INTERESTS

Languages: English (Fluent), Mandarin (Native).

Programming: C++.

Interests: Swimming, Football.