



Mingji Yang

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📍 Beijing, China

🔗 kyleyoung-ymj.github.io

EDUCATION

- **Gaoling School of Artificial Intelligence, Renmin University of China** *Beijing, China*
Ph.D. candidate in artificial intelligence *Sept. 2022 to present*
 - Advisors: [Ji-Rong Wen](#)  and [Zhewei Wei](#) 
 - Research Interests: spectral graph algorithms, sublinear-time algorithms
- **Turing Class, School of Information, Renmin University of China** *Beijing, China*
B.E. in computer science and technology *Sept. 2018 to June 2022*
 - GPA: 3.89/4.0 (Rank: 2/163)

VISITING

- **Institute for Theoretical Computer Science, Shanghai University of Finance and Economics** *Shanghai, China*
Visiting student advised by [Tsz Chiu Kwok](#)  *Feb. 2025 to June 2025*

PUBLICATIONS

- **Efficient Algorithms for Personalized PageRank Computation: A Survey** *Sept. 2024*
[10.1109/TKDE.2024.3376000](#)  (*IEEE Transactions on Knowledge and Data Engineering, TKDE 2024*)
 - Mingji Yang, Hanzhi Wang, Zhewei Wei, Sibao Wang, Ji-Rong Wen
- **Revisiting Local Computation of PageRank: Simple and Optimal \dagger^1** *June 2024*
[10.1145/3618260.3649661](#)  (*Proceedings of the 56th Annual ACM Symposium on Theory of Computing, STOC 2024*)
 - Hanzhi Wang, Zhewei Wei, Ji-Rong Wen, Mingji Yang
- **Approximating Single-Source Personalized PageRank with Absolute Error Guarantees \dagger** *Mar. 2024*
[10.4230/LIPIcs.ICDT.2024.9](#)  (*Proceedings of the 27th International Conference on Database Theory, ICDT 2024*)
 - Zhewei Wei, Ji-Rong Wen, Mingji Yang

SELECTED HONORS AND AWARDS

- **Silver Medal in ICPC (International Collegiate Programming Contest) Asia-East Continent Final, 2018, 2019, 2020**, ICPC Foundation
- **Gold Medal in ICPC Asia Regional Contest (twice), 2019**, ICPC Foundation
- **China National Scholarship, 2019**, Ministry of Education of the People's Republic of China
- **CCF (China Computer Federation) Elite Collegiate Award, 2021**, CCF
- **Gold Medal in CCF Collegiate Computer Systems & Programming Contest, 2021**, CCF
- **Silver Medal (Category D) in Chinese National Olympiad in Informatics, 2017**, CCF
- **Outstanding Graduate Student of Beijing, 2022**, Beijing Municipal Education Commission

¹ “ \dagger ” denotes theory papers, where the authors have equal contributions and are ordered alphabetically.

ACADEMIC SERVICES

- **Reviewer:** ICLR 2025, ICML 2024

TEACHING EXPERIENCES

- **School of Information, Renmin University of China**
*Teaching Assistant for Course “Program Design Practice”**Beijing, China*
Feb. 2023 to July 2023
- **Gaoling School of Artificial Intelligence, Renmin University of China**
*Teaching Assistant for Course “Algorithm Design and Analysis”**Beijing, China*
Feb. 2022 to July 2022
- **School of Information, Renmin University of China**
*Teaching Assistant for Course “Data Structure and Algorithms II (Honor Course)”**Beijing, China*
Feb. 2021 to July 2021

SKILLS

- **Languages:** Chinese (native), English (fluent, 634/750 points in College English Test-6)
- **Programming Languages:** C/C++ (500/500 points in CCF Certified Software Professional), Python