

Mingji Yang



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📍 Beijing, China

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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](#) 
 - GPA: 3.82/4.0
- **School of Information, Renmin University of China** Beijing, China
B.E. in Computer Science and Technology Sept. 2018 to June 2022
 - Turing Class
 - GPA: 3.89/4.0 (Rank: 2/163)

PUBLICATIONS

- **Efficient Algorithms for Personalized PageRank Computation: A Survey** 2024
To appear in IEEE Transactions on Knowledge and Data Engineering
 - **Mingji Yang**, Hanzhi Wang, Zhewei Wei, Sibao Wang, Ji-Rong Wen
- **Revisiting Local Computation of PageRank: Simple and Optimal \dagger^1** June 2024
To appear in Proceedings of the 56th Annual ACM Symposium on Theory of Computing
 - 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*)
 - Zhewei Wei, Ji-Rong Wen, **Mingji Yang**

HONORS AND AWARDS

- **Silver Medal in ICPC (International Collegiate Programming Contest) Asia-East Continent Final, 2021**, ICPC Foundation
- **Silver Medal in ICPC Asia-East Continent Final, 2019**, ICPC Foundation
- **Silver Medal in ICPC Asia-East Continent Final, 2018**, ICPC Foundation
- **Gold Medal in ICPC Asia Nanchang Regional Contest (10th Place), 2019**, ICPC Foundation
- **Gold Medal in ICPC Asia Nanjing Regional Contest, 2019**, ICPC Foundation
- **Silver Medal in ICPC Asia Shanghai Regional Contest, 2020**, ICPC Foundation
- **Silver Medal in ICPC Asia Jiaozuo Regional Contest, 2018**, ICPC Foundation
- **Gold Medal in ICPC China Xian National Invitational Programming Contest (3rd Place), 2019**, ICPC Foundation
- **Gold Medal in ICPC China Nanchang National Invitational Programming Contest, 2019**, ICPC Foundation
- **China National Scholarship, 2019**, Ministry of Education of the People's Republic of China

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

- **Gold Medal in CCF Collegiate Computer Systems & Programming Contest, 2021**, China Computer Federation
- **The CCF (China Computer Federation) Elite Collegiate Award, 2021**, China Computer Federation
- **Outstanding Graduate Student of Beijing, 2022**, Beijing Municipal Education Commission
- **Jingdong Scholarship, 2020**, Renmin University of China
- **“Magnificent 70 Years, United Renmin University” Special Scholarship, 2019**, Renmin University of China
- **Academic Excellence Scholarship (Second Prize), 2021**, Renmin University of China
- **Honorary Title of Merit (San-Hao) Student, 2019**, Renmin University of China
- **Honorary Title of Outstanding Student Leader, 2019**, Renmin University of China
- **Honorary Title of Advanced Individual for Services in Support of the 70th Anniversary Celebration Activities of the Founding of the People’s Republic of China at Renmin University of China, 2019**, Renmin University of China
- **Honorary Title of Model Dormitory, 2023**, Renmin University of China
- **Gold Medal in RUC ICPC Individual Contest (1st Place), 2021**, Renmin University of China
- **Silver Medal in RUC ICPC Individual Contest, 2020**, Renmin University of China
- **Sa-Shixuan Elite Fund Scholarship (Special Prize), 2020**, School of Information, Renmin University of China
- **Sa-Shixuan Elite Fund Scholarship (First Prize), 2021**, School of Information, Renmin University of China
- **Sa-Shixuan Elite Fund Scholarship (First Prize), 2019**, School of Information, Renmin University of China

EXPERIENCES

- | | |
|--|---|
| • School of Information, Renmin University of China
<i>Teaching Assistant for Course “Program Design Practice”</i> | <i>Beijing, China</i>
<i>Feb. 2023 to July 2023</i> |
| • Gaoling School of Artificial Intelligence, Renmin University of China
<i>Teaching Assistant for Course “Algorithm Design and Analysis”</i> | <i>Beijing, China</i>
<i>Feb. 2022 to July 2022</i> |
| • School of Information, Renmin University of China
<i>Teaching Assistant for Course “Data Structure and Algorithms II (Honor Course)”</i> | <i>Beijing, China</i>
<i>Feb. 2021 to July 2021</i> |
| • Turing Class, School of Information, Renmin University of China
<i>Commissary in Charge of Studies</i> | <i>Beijing, China</i>
<i>Sept. 2019 to June 2022</i> |

SKILLS

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