Jiarui Guo

Email: ntguojiarui@pku.edu.cn   **GitHub**: github.com/ntguojiarui

Homepage: https://ntguojiarui.github.io

Research interests	Approximate algorithms in data streams, Computer network systems

Education

Peking University   Beijing, China
B.Sc in Computer Science (double in Mathematics)   2019 – Present

Nantong Middle School   Nantong, Jiangsu, China
                                                             2016 – 2019

Publications

BurstSketch: Finding Bursts in Data Streams
Ruijie Miao, Zheng Zhong, **Jiarui Guo**, Zikun Li, Tong Yang, Bin Cui
*IEEE Transactions on Knowledge and Data Engineering (**TKDE**). Nov. 2022*

PISketch: Finding Persistent and Infrequent Flows
Zhuochen Fan, Zhoujing Hu, Yuhan Wu, **Jiarui Guo**, Wenrui Liu, Tong Yang, Hengrui Wang, Yifei Xu, Steve Uhlig, Yaofeng Tu
*Proceedings of the ACM SIGCOMM Workshop on Formal Foundations and Security of Programmable Network Infrastructures (**FFSPIN'22**). Aug. 2022*