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Research interests Approximate algorithms in data streams, Computer network systems

Education **Peking University** Beijing, China
BA 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) 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
*ACM SIGCOMM Workshop on Formal Foundations and Security of Programmable
network Infrastructures (FFSPIN)* 2022