

Qing Chen

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[Github](#)

[Google scholar](#)

[Homepage](#)

Education

University of Zürich Zürich, Switzerland
Ph.D. in Computer Science Feb 2020 – present
Supervisor: Michael Böhlen. Co-supervisor: Sven Helmer

Fudan University Shanghai, China
MEng in Computer Technology; GPA: 3.27/4.0 Sep. 2013 – Feb. 2016

Zhengzhou University Zhengzhou, China
BEng in Computer Science and Technology; Rank (3/200) Sep. 2009 – Jul. 2013

Employment history

Paypal Shanghai, China
Data Engineer May. 2018 - Jan. 2020

Qatar Computing Research Institute Doha, Qatar
Research Assistant Jul. 2015 - Jun. 2017

Selected Publications

Dynamic Spanning Trees for Connectivity Queries on Fully-dynamic Undirected Graphs
Qing Chen, Oded Lachish, Sven Helmer and Michael Böhlen. *VLDB*, 2022.

Graph stream summarization: From big bang to big crunch
Nan Tang, Qing Chen, and Prasenjit Mitra. *SIGMOD*, 2016.

Supervised students

Alex Schindler, now data engineer at SCIGILITY, Zürich
Xiaozhe Yao, now Ph.D. student at ETH Systems group
Nivedita Nivedita
Neeraj Kumar
Andrios Michail
Xinyu Zhu, now Ph.D. student at UZH DBTG group
Yuanzhe Gao
Zheng Luo
Running Hou

Talks

- A scalable connectivity algorithm for fully dynamic graphs. Oracle Labs Zürich, October 2022.
- Dynamic Spanning Trees for Connectivity Queries on Fully-dynamic Undirected Graphs. VLDB 2022, Sydney.

Teaching

Teaching assistants, Informatics-II, Spring Semesters of 2020 - 2023
Summary: supervise a group of students who prepare exercises and teach exercises; prepare tasks for exams; correct exams.