

Zichen Zhu

PhD student, Boston University

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EDUCATION

Boston University

Sep 2019 – Present

- PhD student in MiDAS group, Computer Science, Boston University
- Research Interest: data management systems, access methods, and storage systems

Advisor: Prof. Manos Athanassoulis, Assistant Professor of Computer Science at Boston University

Hong Kong University

Sep 2017 – Aug 2019

- MPhil in Database group, Computer Science
- *Advisor: Prof. Reynold Cheng*, Professor of Computer Science at the University of Hong Kong

Tsinghua University

Sep 2013 – July 2017

- Bachelor of Software Engineering

PAPERS

Effective and Efficient Discovery of Top-k Meta Paths in Heterogeneous Information Networks

- *Authors: Zichen Zhu*, Tsz Nam Chan, Reynold Cheng, Loc Do, Zhipeng Huang, Hoaci Zhang
- IEEE Transactions on Knowledge and Data Engineering (TKDE) to appear
- Extension of the ICDM paper

Design Continuums and the Path Toward Self-Designing Key-Value Stores that Know and Learn

- *Authors: Stratos Idreos*, Niv Dayan, Wilson Qin, Mali Akmanalp, Sophie Hilgard, Andrew Ross, James Lennon, Varun Jain, Harshita Gupta, David Li, *Zichen Zhu*
- The biennial Conference on Innovative Data Systems Research (CIDR) 2019

Evaluating Top-k Meta Path Queries on Large Heterogeneous Information Networks

- *Authors: Zichen Zhu*, Reynold Cheng, Loc Do, Zhipeng Huang, Hoaci Zhang
- IEEE International Conference on Data Mining (ICDM) 2018

EXPERIENCE

Research Assistant Intern in Data System Laboratory, SEAS, Harvard University, U.S.

July 2018 – Nov 2018

Advised by: Niv Dayan and Prof. Stratos Idreos

Research Assistant in Cloud Computing Group, ITNS, Tsinghua University

Aug 2015 – Jun 2017

Advised by: Zhenhua Li, Associate Professor

System Developer Intern at Users and Relation Group, Weibo Corporation, China

May 2017 – Aug 2017

Research Assistant Intern in Data System Laboratory, SEAS, Harvard University, U.S.

June 2016 – Oct 2016

Advised by: Abdul Wasay and Prof. Stratos Idreos

Academic Service & Volunteer

- Online Volunteer in VLDB 2020
- Serving as a PC member in ICTAI 2020
- Volunteer in BDAI Workshop, HKU, 2019
- Serving as the external reviewer of WISE2020, ER2019, CIKM2018, DASFAA2018

AWARDS

- Nomination for Li Ka Shing Awards for Outstanding Research Postgraduate Student in Hong Kong University
- IEEE ICDM 2018 Student Travel Award
- Second prize in National Cloud Computing Application Innovation Contest 2016 (4th Place of 615 groups)
- First prize of Huayu Scholarship in Software department of Tsinghua University in 2016