

Aoqian Zhang

CONTACT INFORMATION	School of Software Tsinghua University Haidian District, Beijing, 100084, China	Phone: +86 15210560951 Email: zaq13@mails.tsinghua.edu.cn Web: https://zaqthss.github.io
RESEARCH INTERESTS	Data Cleaning, Data Imputation, Temporal Anomaly Detection etc.	
EDUCATION	Tsinghua University , School of Software Ph.D. candidate in Software Engineering expected graduation date: July 2018	August 2013 - now
	Tsinghua University , School of Software B.E. in Computer Software	August 2009 - July 2013 with Graduation Award
HONORS & AWARDS	First-class Scholarship (Glodon Scholarship), Tsinghua University Tsinghua Lin Feng Counsellor Prize (<i>highest honor to counsellors of undergraduates</i>) National Scholarship, Tsinghua University Excellent Communist Party Member of Master in Tsinghua Data transfer group champion, Solve for tomorrow, National Youth Science Innovation Experiment Competition	2014,2017 2016 2015 2015 2013
PUBLICATIONS	<p>[1] Aoqian Zhang, Shaoxu Song, Jianmin Wang, Philip S. Yu, "Time Series Data Cleaning: From Anomaly Detection to Anomaly Repairing", Proceedings of VLDB(PVLDB), vol. 10, no. 10, pp. 1046-1057, June 2017.</p> <p>[2] Shaoxu Song, Aoqian Zhang, Lei Chen, Jianmin Wang, "Enriching Data Imputation with Extensive Similarity Neighbors", Proceedings of VLDB(PVLDB), vol. 8, no. 11, pp. 1286-1297, July 2015.</p> <p>[3] Aoqian Zhang, Shaoxu Song, Jianmin Wang, "Sequential Data Cleaning: A Statistical Approach", ACM SIGMOD Conference (ACM SIGMOD), San Francisco, USA, June 26 - July 1, 2016, pp. 909-924.</p> <p>[4] Shaoxu Song, Aoqian Zhang, Jianmin Wang, Philip S. Yu, "SCREEN: Stream Data Cleaning under Speed Constraints", ACM SIGMOD Conference (ACM SIGMOD), Melbourne, VIC, Australia, May 31 - June 4, 2015, pp. 827-841.</p>	
PATENTS	3 patents in pending.	
PROJECTS	TsQaulity . A project develops data quality tools for large scale time series data, including data profiling, anomaly detection and data repairing. It is one of the projects in the National Engineering Laboratory for Big Data Software(NEL-BDS) .	
INTERNSHIP	Research Intern, Data Engineering Group in K2data, Beijing, China (October 2017 - now)	
MENTORSHIP	I am fortunate to work with a great group of graduate and undergraduate students during my PhD time at Tsinghua University:	
	Undergraduate Mentorship - 2016.07-2017.05: Director of the Student Affairs Office in School of Software, Tsinghua University	

- 2015.01-2016.07: **Vice Director of the Student Affairs Office in School of Software, Tsinghua University**
- 2012.08-2015.07: **Counsellor of over 60 undergraduates of class 2012 in School of Software, Tsinghua University (won over 5 Excellent Collective Awards and the Lin Feng Counsellor Award)**