

Jilian ZHANG (Ph.D)

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Education

Ph.D, Computer Science, Singapore Management University, 2014

MSc., Computer Science, GuangXi Normal University, China, 2006

Diploma, Computer and its Applications, Northwestern Polytechnical University, China, 1999

Skills

C, C++, SQL, MATLAB, LaTeX, R (prior experience), Java (prior experience)

Qualification

Programmer and Software Engineer, both certified by Ministry of Information Industry, PRC, 2000

Research Interests

Data Management, Spatial databases, Query result authentication, Top-*k* query processing

Publications

- Jilian Zhang, Kyriakos Mouratidis, HweeHwa Pang. Global Immutable Region Computation. Accepted to *ACM SIGMOD* 2014, full paper.
- Jilian Zhang, Kyriakos Mouratidis, HweeHwa Pang. Direct Neighbor Search. *Information Systems*, 44, 73-92, 2014.
- HweeHwa Pang, Jilian Zhang, Kyriakos Mouratidis. Enhancing Access Privacy of Range Retrievals over B+ Trees. *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 25(7), 1533-1547, 2013.
- Jilian Zhang, Kyriakos Mouratidis, and HweeHwa Pang. Heuristic Algorithms for Multi-way Number Partitioning. *IJCAI* 2011, 693-698.
- HweeHwa Pang, Jilian Zhang, and Kyriakos Mouratidis. Scalable Verification for Outsourced Dynamic Databases. *VLDB* 2009, 802-813.
- Jilian Zhang, HoongChuin Lau, and Jialie Shen. Setting Discrete Bid Levels Adaptively in Repeated Auctions. In *Proceedings of the 11th International Conference on Electronic Commerce(ICEC)*, 2009.

Awards

- IJCAI 2011 Student Travel Grant

Reviewer

- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Systems, Man, and Cybernetics, Part B (SMC-B)
- IEEE Transactions on Computers
- Knowledge and Information Systems (KAIS)
- Information Sciences
- Elsevier Computer Methods and Programs in Biomedicine
- External: VLDBJ, SIGMOD 2009, 2010, 2012, 2013; VLDB 2010; PVLDB 2011, 2012, 2013, 2014; SSTD 2009, 2011, 2013; SSDBM 2011; ACM GIS 2012, 2013