

CURRICULUM VITAE

Bin Yao

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Research Interests

Query processing, management and indexing of large databases in general. Specifically, distributed data management, spatio-temporal database applications, multimedia and text databases.

Education

August 2007 - Present Ph.D. student in the Computer Science Department, Florida State University.

September 2004 - June 2007 M.S.E. in the School of Computer Science and Engineering, South China University of Technology, China.

September 1999 - June 2003 B.E. in the School of Computer Science and Engineering, South China University of Technology, China.

Awards

- IBM S/390 Professional Certificate, June, 2003.
- Academic Scholarship, South China University of Technology, 2001-2002.

Professional Experience

- **Database Research**, Computer Science Department, Florida State University, USA
Researching Assistant **May, 2008 - Present**
- **Computer Science Department**, Florida State University, USA
Teaching Assistant **Aug, 2007 - Apr, 2008**
- **ChenZhu Technology Co., Ltd.** Beijing, China
Project Manager Intern **Dec, 2006 - Feb, 2007**
- **Bang.CN Network Technology Co., Ltd.** Beijing, China
Software Engineer Intern **Jul, 2006 - Sept, 2006**
- **Nanfeng Telecom Sys.Software Co., Ltd.** Guangzhou, China
Software Engineer Intern **Aug, 2004 - Dec, 2004**
- **SunUnion Technology Co., Ltd.** Guangzhou, China
Software Engineer Intern **Apr, 2004 - Jul, 2004**
- **China Netcom Co., Ltd.** Shandong, China
Engineer **Aug, 2003 - Dec, 2003**

Publications

Refereed Journals

1. Group Enclosing Queries in Spatial Databases, by F. Li, **B. Yao**, P. Kumar, (submitted to) IEEE Transaction on Knowledge and Data Engineering (**TKDE**).

Refereed Conferences

1. Approximate String Search in Spatial Databases, by **B. Yao**, F. Li, M. Hadjieleftheriou, K. Hou, (Full Paper) (To Appear) In Proceedings of 26th IEEE International Conference on Data Engineering, (**ICDE 2010**, Acceptance rate: 12.5%), Long Beach, California, March 2010.
2. K Nearest Neighbor Queries and kNN-Joins in Large Relational Databases (Almost) for Free, by **B. Yao**, F. Li, P. Kumar, (Full Paper) (To Appear) In Proceedings of 26th IEEE International Conference on Data Engineering, (**ICDE 2010**, Acceptance rate: 12.5%), Long Beach, California, March 2010.
3. Reverse Furthest Neighbors in Spatial Databases, by **B. Yao**, F. Li, P. Kumar, (Full Paper) In Proceedings of 25th IEEE International Conference on Data Engineering, (**ICDE 2009**, Acceptance rate: 93/554, 16.8%), Shanghai, China, April 2009.

Professional Service

1. External Reviewer for the following journals and conferences: Distributed and Parallel Databases, CIKM 2009, SDM 2009 , ICDM 2009.