



## Ju Fan (范举)

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## Education

Tsinghua University	PhD Candidate in Dept. of CS&T (Supervisor: Prof. Lizhu Zhou)	Sep. 2007 - present
SUNY Binghamton	Visiting PhD student under Supervisor Prof. Weiyi Meng	Sep. 2010 – Mar 2011
Beijing University of Technology	Bachelor in Computer Science and Technology	Sep. 2003 - Jul. 2007

## Research Interests

- Query Suggestion for Unstructured and Structured Data
- Spatio-Textual Search and Recommendation
- Keyword Search over Structured Data

## Research Experiences

## Publications

- Ju Fan, Guoliang Li, Lizhu Zhou, Shanshan Chen, Jun Hu: SEAL: Spatio-Textual Similarity Search. VLDB 2012 (Accepted).
- Ju Fan, Guoliang Li, and Lizhu Zhou: Interactive SQL Query Suggestion: Making Databases User-Friendly. ICDE 2011: 351-362.
- Guoliang Li, Ju Fan, Hao Wu, Jiannan Wang, and Jianhua Feng: DBease: Making Databases User-Friendly and Easily Accessible. CIDR 2011: 45-56.
- Ju Fan, Guoliang Li, and Lizhu Zhou: An Effective Approach for Searching Closest Sentence Translations from The Web. DASFAA 2011: 47-57.
- Ju Fan and Lizhu Zhou: Keyword-Based Deep Web Database Selection. Chinese Journal of Computers, 2011, 34(10): 1797-1804 (in Chinese).
- Qingyan Yang, Ju Fan, Jianyong Wang, Lizhu Zhou: Personalizing Web Page Recommendation via Collaborative Filtering and Topic-Aware Markov Model. ICDM 2010:1145-1150.

## Projects

<i>DBEase</i>	NSFC under Grant No. 61003004	Mar. 2010 - present
Objective of this project is to make databases user-friendly and easily accessible. I focus on the interactive SQL query suggestion, which is a new search paradigm over structured data combining keyword search and SQL-based search. Our method can not only reduce users' typing efforts and avoid tedious SQL debugging, but also allow users to specify various SQL clauses using keywords.		
<i>DeepSearch</i>	NSFC under Grant No. 60833003	Jun. 2010 - present
Objective of this project is to allow users to search <i>the large scale of structured information</i> that resides in the Deep-Web data sources using the convenient keyword-search paradigm. To achieve this goal, we firstly obtain interfaces of Chinese Web data sources and organize them into several representative domains. Then, we investigate some sampling methods to obtain effective data summarization for each source. On the other hand, we mine effective query templates from a huge amount of search & browsing logs, in order to better interpret users' query intent.		
<i>PIGEON</i>	Tsinghua-Sohu Joint Lab	Dec. 2009 – present
Objective of this project is to recommend personalized and potentially-interesting web pages to users. We mine a large scale of users' page-visiting logs from Sohu Corp., and recommend the potentially-interesting web pages to every individual user to enhance the browsing experience.		

## Qualifications and Skills

- Familiar with C/C++, Java, SQL, JSP, Python, etc.
- English Proficiency Test of Tsinghua University II , College English Test Band 4 (CET-4) & Test Band 6 (CET-6).

## Awards

- 2011 "Schlumberger" Scholarship of Tsinghua University (First class)
- 2011 EII Fellowship of Arc Research Network in Enterprise Information Infrastructure, Australia.
- 2010 "Mei Yiqi" Scholarship of Tsinghua University (Second class)
- 2010 State Scholarship for Studying Abroad (China Scholarship Council)
- 2009 Best paper Award of Doctoral Forum, Tsinghua University
- 2007 "Excellent Graduate" Award of Beijing
- 2005 "Sony" Scholarship of Beijing

## Personal Profile

**Data of Birth:** Oct. 10<sup>th</sup>, 1984

**Gender:** Male

**Nationality:** China