Sun Zhao

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Education

Master's degree, Software Theory — GPA 3.6/4.00	*Sept. 2011 - Jul. 2014(expected)*
Fudan University, Shanghai, China	
Bachelor's degree, Computer Science — GPA 3.66/4.00	*Sept. 2007 - Jul. 2011*
Fudan University, Shanghai, China	

Career History

Software Developer, *DFC Technology*   *May. 2012 - Present*

- Developed WCF Services managing trading strategy dlls
- Configured and optimized Hbase database
- Developed a client for fast importing market data to Hbase
- Designed an optimal caching mechanism for back test programs
- Introduced unit test and automatic integration methods to our team

Research Intern, *Microsoft Research Asia*   *Feb. 2011 - Aug. 2011*

- Worked for the database group
- Worked on a distributed share memory computing platform named Trinity
- Designed an efficient subgraph query component for Trinity
- Published a research paper on PVLDB 2012

Project Experiences

Research Student, *Shanghai International Database Research Center*   *Fall 2011 - Present*

- Research on next generation sequence assembly algorithms and accomplished a demon program
- Research on partitioning and storing large scale graph within a distributed share memory database
- Implement the distributed file system labs of MIT's operating sysytem course
- Construct, manage and maintain my laboratory's website

Publications

Zhao Sun, Hongzhi Wang, Haixun Wang, Bin Shao, Jianzhong Li. "**Efficient Subgraph Matching on Billion Node Graphs**", in *Proceeding of the VLDB Endowment, Volume 5 Issue 9*, 2012.

Skills

Programming: C(proficient), C++(proficient), C#(prior experience), Python(prior experience)

Editors: Visual Studio 2008/2010, Vim

English: CET-6

Awards and Honors

Special-class Award of Tencent Innovation Scholarship, Fudan University	*2012*
First Class Scholarship, Fudan University	*2012*
Third Class Award in ACM Competition of Youdao Cup	*2011*
Outstanding Freshmen Scholarship of Fudan University, Fudan University	*2011*
Outstanding Graduate Award, Fudan University	*2011*