

Shengyue Ji

shengyue@uci.edu (949)690-5228
http://www.ics.uci.edu/~shengyuj/

EDUCATION *Ph.D. candidate*, Computer Science September 2005 - Present
University of California, Irvine, CA
GPA: 3.96/4.0, Advisor: Professor Chen Li
Thesis: Interactive Fuzzy Search

Bachelor of Science, Computer Science September 2001 - June 2005
Peking University, Beijing, China
GPA: 3.69/4.0, Rank: 9/121

INDUSTRIAL EXPERIENCE Software development intern at Oracle Corporation June 2009 - September 2009
Secure Enterprise Search (Oracle DB, PL/SQL, SQL/XML, Java, JSP, HTML, Javascript)

PROJECTS **University of California, Irvine**

- TASTIER: Efficient Auto-Completion, Type-Ahead Search <http://tastier.ics.uci.edu/>
Multiple sub-projects ongoing, part of thesis. (C++, Python, HTML, Javascript, MySQL)
- The Flamingo project on data cleaning <http://flamingo.ics.uci.edu/> (C++)
- SIGMOD Programming Contest 2009 finalist (C++)
http://www.sigmod09.org/calls_papers_sigmod_contest.shtml
<http://www.cs.illinois.edu/homes/wenpu1/sigmodcontest.html>
- Spreadsheet to XML converter <http://www.ics.uci.edu/~shengyuj/ss2xml.html>
XML course project. (Python, command line and GUI)

Peking University, Beijing

- Thesis project: Hierarchical web document clustering using hyper-graphs (C++)
- Integrated web information and retrieval system (crawling, extraction, storage, querying) (C++, Java, SQL Server)
- An XML full-text search engine on relational database (C++, Postgres)
- Course project: XML storage and query over relational database (Java, DB2)
- Course project: A 3-D billiards game <http://www.ics.uci.edu/~shengyuj/billiards.html> (C++, Direct3D)

PUBLICATIONS • G. Li, S. Ji, C. Li, J. Feng. *Efficient Type-Ahead Search on Relational Data: a TASTIER Approach*. SIGMOD 2009

- S. Ji, G. Li, C. Li, J. Feng. *Efficient Interactive Fuzzy Keyword Search*. WWW 2009
- A. Behm, S. Ji, C. Li, J. Lu. *Space-Constrained Gram-Based Indexing for Efficient Approximate String Search*. ICDE 2009
- B. Hore, H. Jafarpour, R. Jain, S. Ji, D. Massaguer, S. Mehrotra, N. Venkatasubramanian, U. Westermann. *Design and Implementation of a Middleware for Sentient Spaces*. ISI 2007

COMPUTER SKILLS *Languages:* C, C++, Python, Java
Web: HTML(CSS, JavaScript), XML(XQuery, SQL/XML), PHP, JSP
Databases: Oracle, MySQL, PostgreSQL, DB2, SQL Server

TEACHING EXPERIENCES TA/Read assignments: 11 quarters on 8 different courses in UC Irvine