

## Lei Li

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### CONTACT INFORMATION

Wean Hall 7203  
Computer Science Department  
Carnegie Mellon University  
Pittsburgh, PA 15213, USA

Voice: (412) 268-3621  
Fax: (412) 268-5576  
E-mail: leili@cs.cmu.edu  
WWW: www.cs.cmu.edu/~leili

### RESEARCH INTERESTS

Machine learning and data mining

### EDUCATION

**Carnegie Mellon University**, Pittsburgh, Pennsylvania USA

Ph.D. student, Computer Science, since Aug, 2006  
Advisor: Christos Faloutsos

**Shanghai Jiao Tong University**, China

B.S., Computer Science, Sep, 2002 - Jun, 2006  
Thesis: Semantic Search based on Probabilistic Description Logic Program  
Advisor: Yong Yu

### WORKING EXPERIENCE

**Carnegie Mellon University**, Pittsburgh, Pennsylvania USA

Research Assistant

**Aug, 2006 - present**

**Google**, Mountain View, California USA

Intern, Adspam group.

**May, 2008 - Aug, 2008**

**APEX Data & Knowledge Management Lab**, Shanghai, China

Research Assistant, on *semantic search* and *semantic web*

**Jul, 2004 - Jun, 2006**

**Microsoft Research Asia**, Beijing, China

Visiting Student, on *semantic file system*

**Aug, 2005 - Oct, 2005**

### TEACHING EXPERIENCE

**Shanghai Jiao Tong University**, China

Teaching Assistant: Modern DBMS Implementation

**Fall, 2005**

Teaching Assistant: Operating System Project(Nachos)

**Fall, 2005**

Teaching Assistant: Modern Compiler Implementation

**Spring, 2005**

### PUBLICATIONS

Lei Li, Wenjie Fu, Fan Guo, Todd C. Mowry, and Christos Faloutsos. Cut-And-Stitch: Efficient Parallel Learning of Linear Dynamical Systems on SMPs. ACM KDD 08, Las Vegas, Nevada, USA, 2008.

Fan Guo, Lei Li, Christos Faloutsos, Eric P. Xing. C-DEM: A Multi-Modal Query System for Drosophila Embryo Databases. VLDB'08, Auckland, New Zealand, demo.

Lei Li, Jim McCann, Christos Faloutsos, Nancy Pollard. Laziness is a virtue: Motion stitching using effort minimization. Eurographics 2008, short paper.

Lei Li, Qiaoling Liu, Yunfeng Tao, Lei Zhang, Jian Zhou, Yong Yu. PDLP: Providing an Uncertainty Reasoning Service for Semantic Web Applications. The 8th Asia Pacific Web Conference, in LNCS 3841, 2006.

COURSE PROJECTS Text Classification with LDA, Nov, 2006.

FatWorm DBMS with JDBC and RMI, Feb, 2005.

Nachos OS with TCP, Jan, 2005.

Tiger Compiler, Jul, 2004.

AWARDS Dong Oriental Scholarship, 2004, 2005

Second place, China Undergraduate Mathematical Contest in Modeling, 2004

“Exceptional Student” award of Shanghai Jiao Tong University, 2003

COMPUTER SKILLS Java, C++, Matlab