

Lexiang Ye

CONTACT INFORMATION

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RESEARCH INTERESTS

Data Mining, Machine Learning, Information Retrieval, Database. Techniques for solving similarity and indexing problems in time-series datasets.

EDUCATION

University of California, Riverside, Riverside, USA

Ph.D., Computer Science and Engineering, Sep 2006 - Present

- Advisor: Eamonn Keogh
- Area of Study: Data Mining
- GPA: 3.97/4.0

Zhejiang University, Zhejiang, China

B.S., Computer Science and Information Engineering Sep 2002 - Jun 2006

- Thesis Topic: heuristic global partial order mining algorithm (**Excellent Thesis Award**)
- Major GPA: 3.92/4.0, Rank: 20/487

Intensive Training Program of High-Tech Innovation and Entrepreneurship (**ITP**)

Sep 2004 - Jun 2006

- A highly selected program offered by Chu Kezhen Honors College
- It mainly focus on the interaction between high-techniques and management.

ACADEMIC EXPERIENCE

University of California, Riverside

Research Assistant

Aug, 2007 - present

- Research with Dr. Eamonn Keogh on similarity and indexing problems in time-series datasets.
- Participate in a US project of similarity search. publicly accessible prototype can be seen here <http://camo.cs.ucr.edu/web/nematodefiles>. (username: guest; password: [none])

Teaching Assistant

Sept, 2006 - June, 2007

- Introduction to Computing

Zhejiang University

Research Assistant

Aug, 2005 - June 2006

- Research in Artificial Intelligence Center, on the problem of using heuristic methods to accelerate mining global partial orders.

Selected Course Projects

- MiniSQL simulation system. It created a simplified version of general database, which executes some simple SQL statements. I implemented an indexing model based on B+ tree.
- Instant Message System. This system implemented a one-to-one connectless-oriented communication system, developed under Microsoft Foundation Class (MFC). I personally developed the communication module and the interface module.

PUBLICATIONS

Lexiang Ye, Xiaoyue Wang, Dragomir Yankov, and Eamonn Keogh. *The Asymmetric Approximate Anytime Join: A New Primitive with Applications to Data Mining*. In SIAM International

Conference on Data Mining 2008.

Lexiang Ye, Xiaoyue Wang and Eamonn Keogh. *An Anyspace Indexing Algorithm with Applications to Data Mining* (in process).

HONORS AND AWARDS	Dean's Fellowship, University of California, Riverside	2006-2008
	Sunyard Scholarship for excellent student in Computer Science (6 out of 487)	2004-2005
	First-Class Excellent Student Scholarship (top 3%)	2004-2005
	Second-Class Excellent Student Scholarship (top 8%)	2003-2004

TECHNICAL BACKGROUND	<ul style="list-style-type: none">• Selected Graduate Courses: Data mining techniques, artificial intelligence, design and analysis of algorithms, database management systems, Seminar in Machine Learning.• Languages: C/C++, Matlab, some use of Unix shell scripts.• Databases: PostgreSQL.• Web Based: HTML, PHP, JSP.
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