

Wenye Li

- CONTACT INFORMATION** Rm. 918 *Tel:* (852) 26098408
Dept. CSE *Fax:* (852) 26035024
Chinese University of Hong Kong *E-mail:* wyli@cse.cuhk.edu.hk
Shatin, N.T., Hong Kong SAR *WWW:* www.cse.cuhk.edu.hk/~wyli
- OBJECTIVE** To find a research or engineering position in solving difficult practical problems by machine learning techniques.
- EDUCATION** **Chinese University of Hong Kong**, Shatin, Hong Kong
Ph.D, Computer Science, Oct. 2003-Sept. 2007
- Research Interests: Bayesian Inference, Graphical Models, Kernel-based Learning
 - Applications: Text Categorization, Image Classifications
 - Dissertation Topic: *Generalized Regularized Learning*
- Institute of Software, Chinese Academy of Sciences**, Beijing, China
MSc., Computer Science, Sept. 1999-July 2003
- Shandong University**, Jinan, China
BSc., Computer Science, Sept. 1995-July 1999
- AWARDS** Sanzhu Scholarship, Shandong University, 1998
First-class Scholarships (10%), Shandong University, 1996, 1997
First-class Entrance Scholarship (5%), Shandong University, 1995
- TECHNICAL BACKGROUND**
- Languages: Proficiency in Java, Familiarity with ANSI C, Matlab.
 - Development Tools: Eclipse, IBM VisualAge, Sun Forte, PowerBuilder, etc.
 - Database Technology: IBM DB2, Oracle, MS SQL Server.
 - Web Technology: IBM Websphere, Tomcat, Resin, JBoss.
 - Software Engineering: Unified Model Language, Rational Unified Process.
 - Operating Systems: Linux, Unix and its variants, Windows.
- TEACHING EXPERIENCE** **Chinese University of Hong Kong**, Hong Kong, China
Teaching Assistant **Sept. 2004 - May 2006**
Teaching Assistance for undergraduate level as well as graduate level courses. Shared responsibility for lectures, exams, homework assignments, and grades.
- CSC2800 Numerical Analysis, Spring 2006
 - CSC3640 Intro. to Theoretical Computer Science, Autumn 2005
 - CSC5150 Learning Theory and Computational Finance, Spring 2005
 - CSC3640 Intro. to Theoretical Computer Science, Autumn 2004
 - CSC2510 Computer Organization, Autumn 2004
- SELECTED PUBLICATIONS** W. Li, K.H. Lee, K.S. Leung: *"Large-scale RLSC Learning Without Agony"*, ICML'07.
W. Li, K.S. Leung, K.H. Lee: *"Generalizing the Bias Term of Support Vector Machines"*, IJCAI'07.

PROJECT
EXPERIENCES

W. Li, K.H. Lee, K.S. Leung: "*Generalized Regularized Least-Squares Learning with Predefined Features in a Hilbert Space*", NIPS'06.

W. Li, K.H. Lee, K.S. Leung: "*Combining Intrinsic Features for Supervised Learning*", NIPS'06 Workshop on Novel Applications of Dimensionality Reduction.

I participated in some commercial and non-commercial projects mainly during the graduate study, which equipped me with the necessary experiences in coping with commercial developments outside the academic research.

Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China

Geographic Data Sharing Network of Earth System Science **May 2003 - Sept. 2003**

A Large-scale data sharing network which aims to integrate the major geographic data in China. I was in charge of the design during the early phase of the system. Now it has grown into a system over 4.9TB data.

<http://www.geodata.cn>

Institute of Software, Beijing, China

Research project **Jan. 2003 - May 2003**

A Workflow Engine. I studied software architecture as my master thesis topic. As part of the work associated with the thesis, this engine implements the OMG workflow standard and provides an underlying mechanism in supporting easily-configured high level business flows.

Quanzhou Telecom, Quanzhou, China

Designer **Dec. 2002 - Jan. 2003**

A Fast Data Verification Algorithm. A telecom company produces millions of records each day. To verify the integrity of the data from different sources, I designed this algorithm. With an efficient data structure, it verifies the data within hours of time on a desktop PC.

IBM, Beijing, China

Intern **Jan. 2002 - Apr. 2002**

WCS Database Performance Tuning. This is a database performance tuning project associated with websphere platform. IBM Toronto lab developed Websphere Commerce Suite, and I joined the task of performance tuning of the project on different platforms in IBM Beijing Development Lab (IBM CDL).

Thales e-Security, Hong Kong, China

Designer and Developer **Aug. 2001 - Jan. 2002**

Java Smart-card development. I designed the applications associated with java cards. Different encryption/decryption algorithms are implemented to facilitate the usage.

ZhongTang Technology, Beijing, China

Designer and Developer **Dec. 2000 - June 2001**

Web-based CRM System. This is a customer relationship management system which aims to automate the sales process. Three classmates and I designed and implemented the system. The system is first implemented using free-source java web servers, and then migrated to BEA Weblogic platform. <http://www.zotn.com>

Yansha Commerce Building, Beijing, China

Designer and Developer **Sept. 2000 - Jan. 2001**

Decision Support System. Two classmates and I got involved in the re-construction of the legacy

database system and decision support system development for Yansha commerce building. Power Builder is used in developing the DSS system.

China Home Guide Network, Beijing, China

Designer and Developer

July 2000 - Sept. 2000

Web-based House Exhibition System. A classmate and I designed the system for house exhibition in the web.

<http://www.homeprc.com>

Shandong Coal Information Center, Jinan, China

Developer

Mar. 1999 - May 1999

Document Classification & Retrieval System. This system is implemented in the final term project of my undergraduate study.