Computer Sciences Department

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Education

2001.9~present	Graduate Student Computer Sciences Department, University of Wisconsin-Madison
1995.9~2000.7	Department of Computer Science & Technology, Tsinghua University, Beijing, P.R. China. Degree obtained: Bachelor of Science (July, 2000)

Occupation

2000.7~2001.7	R&D Engineer Legend Computer System Ltd.

Academic Awards

1999~2000:	Honored Graduate of Tsinghua University;
1998~1999:	Scholarship for Excellent undergraduate student of Tsinghua University;
	Silver award in the Contest of Speech Technology in National Universities;
1997~1998:	Honored Undergraduate Student for outstanding performance;
	Scholarship for Excellent undergraduate student
	The Second Prize in the National Mathematics Contest of Modeling
1996~1997:	Honored Undergraduate Student for outstanding performance;
	The Motorola Scholarship for Excellent undergraduate student
1995~1996:	First Prize Scholarship for Outstanding undergraduate student
1995:	First Prize Scholarship for Outstanding freshman in year 1995

Work and Research Experience

1. Research Assistant, Computer Sciences Department, University of Wisconsin-Madison 2001.9~2002.1
   - Paradyn Group, a scalable tool for parallel program performance measurement using dynamic instrumentation technique.

   Experiment in extending *metric description language* to support *derived metric.*

1'. Course Project for 'Advanced Operating System'
   - Extended Stride Scheduling in Implicit Coscheduling.

   Design new compensation method for local scheduler in Implicit Coscheduling, use simulator to test and verify.

2. R&D Engineer, Project Manager, *Legend Computer System Ltd.* 2000.7~2001.7
   - Developer of electronic magazine, web-based BBS and Olympic-topic web site of www.fm365.com
   - Participant of the design of Internet Information's Searching, Auto-Snatching, Classifying and Extracting.

In this period, I have had a grasp of the Databases, LDAP, Mid-Ware Technology, Software Engineering, Programming Languages and Operating System.

3. Research Assistant of *Institute of Human Computer Interaction and Media Integration* of Computer Science Dept., TsingHua University 1999.7~2000.6;
   - Designer of an ultrahigh speed data acquisition card (graduation design)
     This card based on parallel port is an external and standalone system, which is designed to meet the expectations of ultra-fast stored data acquisition and logical analysis for PC. Some technology (such as EDA, state machine and parallel storage architecture) and some devices represent the modern design conceptions (such as FPGA and FIFO memory) are adopted.

   - Designer and Programmer of a virtual instrument acting as multi-function logic analysis equipment, using a general I/O card and *Labview* (software), this project provides a whole new mode of experiment for the graduate course of *Computer Interface*.

4. Research Assistant of *Speech Technology Lab* of Computer Science Dept., Tsinghua University, 1998.7
   - Participant of a *summer research program*：*Word Segmentation and Four Tones Recognition of Continuous Chinese Speech.*

   The experience helped us to win a silver award in a contest of the application of speech technology, sponsored by IBM.

5. Research Assistant of the *Computer Network and Protocol Testing Research Lab*., Computer Science Dept., Tsinghua University, 1998.1~1999.6
   - Designer of the testing traffic load generation and measurement mechanisms, which is the core part of the project of the *high-speed network performance teste*r. It's a good solution of the conflict between the time and space complexity.

6. Participant of an SRT (Student Research Training) Program in the *Data and Internet Security Lab* of Computer Science Dept., TsingHua University. 1997.8~1998.3
   - Optimize the method of hiding important data unperceived in images, improve the capacity of hidden data relative to the image size

Computer Skills

- High level programming languages: C/C++, Java, Prolog, Pascal, Perl
- Hardware related: VHDL, Labview
- Database Administrate
- UNIX system programming.
- Web Application Development
- Operating System

Fields and Interests

- Databases
- Computer Theory
- Distributed Operating System
- Programming Languages
- Speech Processing Operating System

I will take Database as my depth area for my PhD degree. And I plan to take the PhD qualify exam in the area of Database in Fall 2002.

Standard Test

TOEFL	630	May, 2000
TWE	4.5	May, 2000
GRE General	2230(V630, 89%, Q800, 98%, A800, 99%)	Octobor, 2000
GRE Subject	890,99% Computer Science	November, 1999

GPA

DESCRIPTION	CREDITS	GPA (100 - based)	GPA (4.0 - based)
Math and Related Courses (undergraduate)	61	90.3	3.87
Core Computer Courses (undergraduate)	101	89.7	3.85
All Courses Accumulative (undergraduate)	274	88.0*	3.73