

Yang, Li

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Objective

Seeking a summer intern job. As a graduate student of Computer Science in UW-Madison, I am interested in developing **Database Management Systems, Networking Protocols, Operating Systems, and Internet websites.**

Education

University of Wisconsin, Madison	Sept. 2000 - present
Graduate student of CS Dept.	Expected graduation: Dec., 2001
Tsinghua University, Beijing, China	Sept. 1996 - July, 2000
Undergraduate student in CS Dept	GPA: 4.0/4.0

Skills

Languages: C, C++, Pascal, Java, JavaScript, HTML/XML, Perl, SQL, HTTP and TCP/IP protocols
Platforms: Unix(Solaris, HP-UX), Linux, Win9x/NT/2000
DBMS: Oracle, IBM DB2, Microsoft SQL Server, Sybase, etc.

Working Experience

Research Assistant: DB Group of CS Dept. in Tsinghua University June. 1998 - June, 2000
Design and implement a Video-on-Demand system. I was working on the storage management of VLDB and query by image content.

Software Engineer: ChinaRen Networking Corporation, Beijing, China July, 2000 - Sept. 2000
DB query programming and User interface design.

Software Engineer: Tsinghua Tongfang Computer Tech. Co. Ltd. Beijing, China July, 1999 - Sept. 1999
“Beijing Traffic in One Card” Project. My major effort was on the background operation platform design and implementation.

Course Projects

CS564 - Database Management System: Design and Implementation Fall, 2000
Module implementation of a mini DBMS, including the buffer manager, heap file page, B+ tree and external sorting, SQL programming.

CS736 - Advanced Operating Systems Fall, 2000
Operating system support for databases revisited. I examined buffer pool management, file system support, process scheduling, and concurrency control in both Solaris and Windows NT, and dip into Oracle and MS SQL Server.

CS640 - Introduction to Computer Networks Spring, 2001
Investigate the design of computer networks and network protocols. The project is to develop the software used behind the scenes to build scalable, general-purpose data networks.

CS764 - Topics in Database Management Systems Spring, 2001
Build my own XML query engine(underway).

CS784 - Data Models and Languages (Formal Topics in Databases) Spring, 2001
Cover topics from dependency theory, foundations of database query languages and data models, data mining, and information retrieval.

Honors

- Entitled to “**Excellent Graduate**” in Tsinghua University, China June, 2000
- **First Prize** for the best students in Tsinghua university, China 1996-2000