

Hon Chung Lam

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OBJECTIVE

To obtain a challenging position in a converged programming and data environment that can fully utilize my Computer Science knowledge as a Software Developer

EDUCATION

Purdue University, West Lafayette, IN

GPA: 2.8 /4.0

Bachelor of Science

May 2006

Major: Computer Science, Minor: Japanese

Relevant Course Works:

- ◆ **Relational Database Systems – DBMS:** Use Java and developed Buffer Manager, Hash-based Index, Relational Operators, Query Evaluation
- ◆ **Computer Networking – Internet Phone:** C#, and the help of Direct Sound technology
- ◆ **Computer Security – Virus:** Use PERL and C++ and write a virus detection program

COURSE PROJECTS DESCRIPTION

Computer Networking: VoIP Internet Phone – C#

- ◆ Use Microsoft DirectSound technology to record our voice, put into UDP Package
- ◆ Implemented a GUI to be user friendly, including buttons to help control the program and a included friend list, a GUI supported server to monitor online users
- ◆ Reassemble the randomly arrived UDP and sort it in order to play the voice correctly

Relational Database Systems: DBMS – Java

- ◆ To understand how buffer was handled, scanned and retrieved from records and transfer to the buffer managers, build Hash Indexes to improve the search time
- ◆ Implemented the 3 basic algebra operation: Simplejoins, Selection, and Projection
- ◆ Construct a Abstract Tree, traverse to each node and execute the query plan

Computer Security: Concepts of Virus and Virus Detection – C++

- ◆ Use Pearl scripts and create a simple virus which it spread itself and affect all executable file in the directory
- ◆ Responsible to write a virus protecting software with C++ to counter/remove the virus from the affected files

WORK EXPERIENCE

Waiter, Bea One Restaurant, West Lafayette, IN 2004-2005

- ◆ Worked as a team, with the goal to satisfy the customers being the first priority, assist all workers
- ◆ Expected to gain knowledge of new systems quickly
- ◆ Be able to be multi-task and switch to different position in the restaurant as the time and situation demand

Office Clerk, University Church, West Lafayette, IN 2003-2004

- ◆ Responsible to maintain the database of contact list for the office using Microsoft Excel
- ◆ Upgrade and perform installation of hardware/software on the computer as requested
 - Upgraded Windows 2000 to Windows XP to improve work efficiency and reduce training cost
 - Installed the Zip drive for the office to reduce chances of important data lost
- ◆ Access the Scheduling Database to assist different organizations to schedule the event at the church, such as wedding, public/private gathering, etc

SKILLS

Language: Chinese, English and conversational knowledge of Japanese

Computer Skills: C++, C, C#, Java, SQL, Linux, MAC OS 10 and Windows Operating System, Microsoft Office, X Server, VPN setup, Website design, Macromedia Flash and Photoshop

ACTIVITY

President, Hong Kong Student Association 2005-2006

- Planned and organized interschool events for up to 200 people
- Increased revenue by 40% by forecasting and careful budgeting of expenses