

Ming Fu

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302-92# Cai Xiang Xing Chun
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Residence: 025-8448-8997
Cellular:

Objective

To obtain employment in a field related to the Internet, computer programming or computer communication industry.

Education

Master of Computer Science
Concordia University

Montreal, Canada
Sep 2001 - April 2004

- Relevant courses: Real-Time and Multimedia Communication over Internet, Database Design, Software Design Methodologies, Software Comprehension and Maintenances, Advanced Computer Graphics, Semantic Web Design

Bachelor of Computer Science
Nan Jing University of Science and Technology

Nan Jing, China
Sep 1993 - May 1997

- Relevant courses: Computer Network, TCP/IP Principle, Computer Network Securities

Computer Skills

- Computer Programming in: **Perl, CGI, Java, C/C++, UNIX, Oracle, SQL**
- Design a website with **HTML, JavaScript, ASP,SQL**
- Familiar with **VC++**
- Experience with **XML, XSLT, CGI, HTML**
- Design a simple query Database using **C++ with OODM, design patterns, STL**
- Familiar with **TCP/IP** programming and multi-media protocols such as **H.323 and SIP**
- Familiar with Media Transformation in IP Network, **RTP and RTCP**
- Familiar with Protocols for Voice over IP such as **SGCP, MGCP**
- Proficient in MacroMedia Dreamweaver, Microsoft Visual Studio .NET, WinCVS, Bland Jbuilder Enterprise 9.0, Microsoft Office, PowerPoint, Adobe PhotoShop, VISIO, and Rational Rose Enterprise Edition
- Familiar with Windows NT/2000/XP and Unix platforms

Career Related Experience

CaChi Information System Company
Software Engineer

Vancouver, Canada
2001 – 2001

- Designed websites using Java, JavaScript, and HTML.

Information Center of Agriculture Bank
Networking Engineer

Nan Jing, China
July 1998 - May 2000

- Administrator of the Ethernet & Token-ring networks and bank Intranet
- Maintained and upgraded the hardware and software used in the bank Intranet
- Used HP network management tool to manage LAN and WAN
- Verified bug fixes from developers and submitted bug reports
- Documented test workloads, the testing environment and current status

Information Center of Agriculture Bank
Software Programmer

Nan Jing, China
July 1997 - May 1998

- Wrote Cobol program for bank.
- Coded in Mainframe system and did tests for the bank's transaction.

Academic projects

Extended H.323 to support wireless multimedia

The project is to realize IP based real time video communication. The report is “extending current H.323 to mobile phone multimedia transformation.

In-Memory Object Database Management System

The database is a in-memory database; users can load the database objects from files into memory, and to accept a query and return the results of the query for the database of objects.

The project is realized using object-oriented design method with C++ STL. There are three steps: software requirement analysis; architecture design; detail design

The project is a group task, composed of four people.

XML-based web query system

This project is a web-based query system. The query data is based on XML documents; use XSLT to realize transformation. And uses CGI to get forms; and This is a group project.

Object-oriented database design

The project is to design a school campus database application system using ObjectStore.

Basic Client-Server protocol design.

The project is to realize FTP between two computers, with TCP/IP and socket API. The project includes “Stop-and-Wait” and one timer. First, use TCP protocol to transfer a named file between two partners logged in at different computers; then use a simple Stop-and-Wait protocol over UDP as a data delivery service, to examine the use of timers, with an intermediate router to mangle the packets; finally, extend the capabilities of the protocol, by introducing Continuous RQ transmission, with Go-Back-N error recovery, and a sliding window to achieve error control with higher efficiency than that available with Stop-and-Wait.

Website design

The project is a school’s web-based online teaching system, including different user’s privileges and web forum, the user interface is considered friendly.

3-D animation design

The animation a Open-GL project, it uses lighting, shadows, rendering and texturing. The project is a ball bouncing between bottom and top in a box.

Interests

- Computer games; Soccer and Basketball

References

Available upon request.