

Feng Liu

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Objective

To obtain a full-time position utilizing my skills and experience in computer programming.

Education

Bachelor of Science, Computer Science Major

Graduated in July, 2012

University of Manitoba, Winnipeg, MB, Canada

Skills

- **Programming Languages** Familiar with modern programming languages: Java, C/C++, Python, Ruby. Have experiences of LISP, Scheme, Pascal, PROLOG, etc.
- **Operating System** Very familiar with UNIX operating system and programming.
- **Database** Familiar with modern open-source database systems: MySQL, SQLite. Have used them in my projects. Have experiences of HSQLDB and IBM DB2.
- **Web Development** Familiar with HTML, CSS and JavaScript. Have experience of web.py, Flaskr and Ruby on Rails.

Related Courses

- Data Structures and Algorithms
- Analysis of Algorithms
- Object Orientation
- Computer Organization and Assembly Language
- Operating Systems
- Distributed Computing
- Programming Language Concepts
- Software Engineering
- Cryptography
- Computer Networks
- Computer Security
- Artificial Intelligence
- Expert Systems
- Machine Learning

Academic Projects

Song Scheduler

This is the term project of Software Engineering class. We implemented a software for helping a radio station to manage the musics and generate playlists that meet the requirements of DJs. We learned how to communicate with users, how to peer program, how to write the project documents and how to put the methodology from the Software Engineering class into practice.

Local Network Chat Program

Implemented a local network chat program. Experience the UDP and Bonjour protocols.

The Game of Nim

The term project of Network class. We implemented a client-server program to simulate two people playing the game.

Course Register System

The term project of Expert System. Implemented a simple expert system in Jess and Java to examine the courses a student registered are legitimate.

Notes Sharing System

This is the term project of Software Engineering 2 class. We implemented a web system that students can post and share the lecture notes. We learned how to analyze, design and develop software in the engineering life cycle.