Curriculum Vita

Meng Sha

3838 Glen Arbor Dr. Apt #6
Houston, TX 77025
USA

shameng@lamar.colostate.edu
http://lamar.colostate.edu/~shameng
970-690-8523

EDUCATION

[2006 – Present] Houston Community College, Houston, Texas, 77004
- Full-time International Student enrolled in HCC System — Passed Credits: 13

[2004 – 2005] Colorado State University, Fort Collins, Colorado, 80523 — G/U
- PhD / Second Bachelor in Computer Science, Dept. of Computer Science — Passed Credits: 20/1

[1998 – 2002] National Univ of Defense Tech, Changsha, Hunan, China — GPA: 3.1
- B.E. in Computer Science & Technology, Dept. of Computer — Rank: 15/105, Degree: B.E. (2002)

WORK EXPERIENCE

[Summer 2006] Office Assistant, Houston Community College, Houston, Texas, 77004
- Served in Welding Department at Houston Community College – Central Campus, providing administrative and project support to instructors; some strenuous lift work if needed.

[Summer 2005] Lab Operator, Colorado State University, Fort Collins, Colorado
- Responsible for the integrity of lab facilities; Helped students with UNIX commands and other technical problems on recitations. Answered the lab phones.

[Summer 2005] Local Contract Programmer, Colorado Division of Wildlife, Fort Collins, Colorado
- Transformed an legacy "Creel" program into an streamlined Database application for Windows, involved in Pascal source code reading, object-oriented model designing and C# programming.

PROFESSIONAL SKILLS

Proficient in C/C++, C#, Java, LaTex, Pascal, R/S-Plus, SAS, Scheme, Prolog. Moderate experience with Oracle9i DBA, ADO.Net, HTML/CSS, Matlab7. Know how to build up software models with GUI tools and apply UML and Patterns to object-oriented analysis and design.

RESEARCH INTERESTS

Algorithms, Artificial Intelligence, Biometry/Biostatistics, Biological Modeling, Functional Languages, Graphics/User Interface, Neural Networks, Reinforcement Learning, Statistics in Sports, Statistical Genomics, Survey Statistics.

RESEARCH EXPERIENCE

The Syntactic and Semantic Analysis in Scheme(R5RS); Uninformed Search; A* and Heuristic Search; Ant Colony Optimization; "Flow" models in OpenGL; Linear Regression and Ridge Regression; Classification using LDA, QDA, and Logistic Regression; Fitting One-Dimentional Functions and Mackey-Glass chaotic series with Linear Models and Neural Networks; Digit Recognition with Neural Networks; SARSA, Q Tables, Neural Networks and Genetic Algorithms for real-world problems.

VOLUNTEER EXPERIENCE

[Spring 2006] Volunteered for Katrina Relief in New Orleans, LA at week of Spring Break with members of Mountain View Community Church, Fort Collins.

[2004 – 2005] Played a role of webmaster at CSUCSSA website administered by Chinese Students & Scholar Association at Colorado State University for one academic year.

(References Available upon Request)