Zhaosheng Zhang
Curriculum Vitae

Objective

Seeking a **challenging** and **interesting fulltime** position in software development that can leverage the knowledge obtained from my education and past experiences.

Experiences & Projects

Database laboratory
Software Developer   UC,Riverside
                                        Current, from Apr 2013

- Developer of AsterixDB using Java, MacOS, Maven, Git.

- AsterixDB is the next generation parallel database system, which is built on Hyracks – an advanced hadoop-like parallel framework, aiming to address current Big Data management challenges.

- Designing the temporal join part of AsterixDB, supported both point with interval join and interval with interval join.

Scientific Library
Software Developer   UC,Riverside
                                        Apr 2013 – Nov 2013

- Developer of California Digital Newspaper Collection (CDNC) project using Java, Ubuntu, Eclipse, Maven, Git, Python.

- Designed the XML parser module of Asterix.

- Imported CDNC dataset into AsterixDB and writed some queries to provide API to further web interface designer.

Artificial Intelligence laboratory
Research assistant   HFUT
                                        Apr 2009 – Jun 2011

- Team leader of HfutEngine2D soccer simulation project using C++, bash script, OpenSUSE, KDevelop, GNUPlot, LaTeX, SubVersion.

- Took Robocup 2D Simulation as a typical multi-agent problem, aiming to do research in decision-making, cooperation between multi-agent and inference under uncertainty knowledge.

- Designed and trained a three-layer BP-neural network to figure out the position weight in the soccer field.

- Designed the Position-Driving Model to improve the flexibility and efficiency of our team's passing strategy.

5048 Trojan Court, Riverside, CA 92507
☏ (626)-242-4832
✉ zzhan013@ucr.edu

Education

Current	Master of Science in **Computer Science** **University of California, Riverside** Riverside Gpa: 3.51/4.0
July 2011	Undergraduate Degree in **Computer Science** and **Technology** **Hefei University of Technology**, China Gpa: 86.3/100

Languages

Chinese	Mothertongue
English	Fluent

Computer Skills

Strong experienced with

C++, Java

Solid understanding of

Data structures and algorithms, Database management system, Operating system, Computer Architecture, Computer network

Familiar with

Multi language programming: *C,C#,python,bash*
Databases: *MySql, AsterixDB*
Web front end: *html5+css3,javascript*
Parallel computing: *Hadoop, hyracks, CUDA programming*
Code management system: *SVN, Git and Gerrit*