CONTACT INFORMATION	5048 Torjan Court, Riverside, CA — Personal Webside: happily84.github.com / Mobile: 626-242-4832 — E-mail: happily84@gmail.com

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OBJECTIVE

Looking for a position in R-LAIR.

INTERESTING AREAS

Artificial Intelligence, Robotics, Software Engineering

EDUCATION

University of California, Riverside, Riverside, CA, United State   Sep.2012 – present
M.S. in Computer Science, Department of Computer Science and Engineering

Hefei University of Technology(HFUT), Hefei, Anhui Province, P.R.China   Sep. 2007–Jun. 2011
B.S. in Computer Science and Technology, School of Computer and Information
Overall GPA: 3.21/4.0   Major GPA: 3.33/4.0   Ranking: 23/232 (Top: 10%)

RESEARCH AND PROJECT EXPERIENCE

Core member, HfutEngine 2D Soccer Simulation Team [1]   Apr. 2009–Jun. 2011

- Implemented the Advisor-Evaluator Model to construct a more scientific decision module for HfutEngine
- 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
- Read more than 70,000 lines' code of three most popular 2D teams' base code

Member, HfutEngine 3D Soccer Simulation Team   Apr. 2010–Jun. 2011

- Implemented 3D linear inverted pendulum model (3D-LIPM) to plan the walking pattern
- Implemented the Advisor-Evaluator Model from simulation 2D to simulation 3D

PUBLICATIONS

Electromagnetic-node based multi-agent collaboration in Robocup Simulation. **Zhaosheng Zhang**, Baofu Fang, Ming Gao, Sai Wu, Xiao Li; *Journal of Harbin Institute of Technology*, Jul. 2011.

Machine learning based on axiology and its application in the visual decision of RoboCup Simulation 2D. **Zhaosheng Zhang**; *Excellent dissertation for bachelor's degree of Hefei University of Technology 2011*, Jun.2011

HfutEngine2D 2010 Soccer Simulation Team Description Paper. **Zhaosheng Zhang**, Ming Gao, Baofu Fang, Hao Wang; *RoboCup International Symposium 2010*, Jun. 2010.

Survey of the Condition of Multi-Robot Pursuit. Baofu Fang; **Zhaosheng Zhang**. Under reviewing.

HONORS AND SCHOLARSHIPS

Excellent dissertation for bachelor's degree of HFUT, HFUT   Jun. 2011

Third place of Soccer Simulation 3D, RoboCup World Tournament 2010, Singapore, Singapore   Jul. 2010

8th place of Soccer Simulation 2D, RoboCup World Tournament 2010, Singapore, Singapore   Jul. 2010

4th place of Soccor Simulation 2D, RoboCup Iran Open 2010, Tehran, Iran   Apr. 2010

Scholarship for Scientific Research Achievement, HFUT   Dec. 2009

First prize of Soccer Simulation 2D, RoboCup China Open 2009, Dalian, China   Nov. 2009

Third place of Soccor Simulation 2D, RoboCup Anhui Privince Open, ChuZhou, China   Oct. 2009

Outstanding Student Scholarship of HFUT, HFUT   Sep. 2009

Second-class prize for Design Competition of Class Webpage, HFUT   Nov. 2008

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[1]We take RoboCup 2D Soccer Simulation as a typical problem of multi-agent systems, and our long-term goal is to do research in decision-making and other challenging projects in Artificial Intelligence. For more information about RoboCup, please see http://en.wikipedia.org/wiki/RoboCup

PROFESSIONAL ACTIVITIES

Organization Committee(OC) Member, Soccer Simulation 3D League, RoboCup China Open 2009

Technical Committee(TC) Member, Soccer Simulation 2D League, RoboCup China Open 2009

OC vice-president and TC member, Soccer Simulation 2D League, RoboCup Anhui Province 2009

EXTRACURRICULAR ACTIVITIES

Vice-president of Linux User Group (LUG) of HFUT   Nov. 2007–Jun. 2010

- Directed and promoted the intramural exchange about Linux technology, organized over 10 large-scale lectures about linux knowledge in HFUT
- Used Discuz to construct a BBS to introduce technology of RoboCup Simulation 2D and basic knowledge of Linux
- Maintainer and board manager of LinuxBBS in HFUT

Member of Pioneer Volunteer Association, HFUT   Sep. 2007–Jun. 2009

- Volunteer as a Mathematics Teacher in Tao Hua Village, Anhui Province
- Volunteer, on HFUT's 65th anniversary

PROFESSIONAL SKILLS

Programming Language: [C/C++, Assembly Language] (Advanced); [Java] (Intermediate); [C#] (Elementary)

Numerical analysis software: [Matlab] (Intermediate)

Design software: [Photoshop, Fireworks, Visio, Dreamweaver, LaTeX] (Intermediate)

Web Technology: [HTML, PHP, CSS] (Intermediate); [JSP, ASP. NET] (Elementary)

Database: [MySQL] (Advanced); [Microsoft Access] (Elementary)

Platform: [Ubuntu, Fedora, OpenSuSE, Window series] (Advanced); [MacOS] (Elementary)

Practical Experience and Knowledge of Discuz, WordPress

INTERESTS AND ACTIVITIES

Soccer, Pop music, Chinese literature, Drawing