

Yifan Tang

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Education

- 08.2002 – 12.2008 Graduate study at University of Tennessee, Knoxville, USA
- Degree: Ph.D. in Computer Science
 - Field of study: Artificial Intelligence and Robotics
 - Dissertation Title: SB-CoRLA: Schema-Based Constructivist Robot Learning Architecture
 - Advisor: Dr. Lynne E. Parker
- 08.2000 – 07.2002 Graduate study at Minnesota State University, Mankato, USA
- Degree: Master of Science in Computer Science
 - Field of study: Database, Networking, Artificial Intelligence
 - GPA: 4.0
- 04.1995 – 11.1998 Graduate study at Eberhard-Karls-University in Tuebingen, Germany
- Degree: MBA
 - Field of study: planning and organization, operations research, statistics, finance, common business administration
- 10.1993 – 03.1995 Undergraduate study at Johann-Wolfgang-Goethe-University in Frankfurt am Main, Germany, majoring in business administration

Working Experience

- 01.2009 – 04.2009 Post-Doc in Computer Science, University of Tennessee
- Field of research: Artificial Intelligence and Robotics
 - Advisor: Dr. Lynne E. Parker
- 08.2005 – 12.2005 Lecturer for CS300 “Scripts and Utilities”
- 08.2002 – 12.2008 Teaching Assistant for various Computer Science courses. Responsibilities included leading labs, holding office hours, and grading.
- 01.2003 – 12.2008 Research Assistant for Distributed Intelligence Lab at UT under the direction of Lynne Parker
- Worked on DARPA project for heterogeneous distributed robotics
- 01.2001 – 05.2002 Graduate Assistant for Computer Science, serving as a research assistant for two projects, one in data mining and one in web design.
- 01.1999 – 08.2000 Allianz Life Insurance Corporation, Stuttgart, Germany
- Designed and tested software systems, that involved database storage and access optimization
 - Created, developed and tested data processing applications
- 04.1997 – 10.1997 Internship: Siemens Corporation, Santa Clara, CA / U.S.A
- Purchasing support for networking
- 07.1996 – 10.1996 Internship: Siemens Corporation, Munich, Germany
- Department of controlling and management, purchasing assistant
 - Created web page using Front Page
- 03.1996 – 04.1996 Internship: Siemens Corporation, Munich, Germany
- Cost calculation for internal computer service help desk

Publications

- · Y. Tang and L. E. Parker, [Towards Schema-Based, Constructivist Robot Learning: Validating an Evolutionary Search Algorithm for Schema Chunking](#), *Proceedings of IEEE International Conference on Robotics and Automation*, 2008.
- · Y. Tang and L. E. Parker, [Introducing SB-CoRLA, a Schema-Based, Constructivist Robot Learning Architecture](#), *Proceedings of IEEE SoutheastCon Conference*, 2008.
- · Y. Tang, B. Birch, and L. E. Parker, [Planning Mobile Sensor Net Deployment for Navigationally-Challenged Sensor Nodes](#), *Proceedings of IEEE International Conference on Robotics and Automation*, 2004.
- · L. E. Parker, B. Kannan, X. Fu, and Y. Tang, [Heterogeneous Mobile Sensor Net Deployment Using Robot Herding and Line-of-Sight Formations](#), in *Proceedings of IEEE International Conference on Intelligent Robots and Systems*, 2003.

Data Processing Experience

Working experience	Microsoft Office, AS/400 system, mainframe system
Programming lang.	Java, C, JSP, EJB, VB, LISP
Projects	Developed Backgammon game in VB, data mining, expert systems, databases (ACCESS), on-line applications (JSP, EJB, JDBC), quick reference for java
Others	Oracle, ESX (data mining tool), Level 5 (expert systems tool)

Honors and Extracurricular Activities

Honors	Dean's list
Extracurricular Activities	ACM treasurer, Vice president of Chinese Students and Scholars Association

Others

Teaching improvement	Completed a UTK graduate school course entitled "the Best Practice in Teaching Program" (http://gradstudies.utk.edu/orientation/teaching.shtml) that offers eleven sessions of presentations and discussions about both basic and specialized teaching-related issues.
Foreign languages	Mandarin Chinese, fluent; German, excellent
Hobbies	Sports, reading, traveling, tutoring, solving brain-teasers, cooking