

Jiahuang Ji
Associate Professor of Computer Science
Computer Science Department
College of Arts and Sciences

Degrees Earned

Ph.D. in Computer Science, University of Houston, 1990
M.S. in Computer Science, Nanjing University (China), 1983
B.S. in Mechanical Engineering, Huazhong University of Science and Technology (China), 1976

Professional Licensure and Certifications

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

- Jiahuang Ji (2006) Open Source, Bolan, CAPST Journal (in Chinese), Vol. 4 Page 12-13.
Jiahuang Ji (2005) Crime and Digital Forensics, Bolan, CAPST Journal (in Chinese), Vol. 3 Page 18-20.
Jiahuang Ji (2004) Traveling Salesman Problem, Bolan, CAPST Journal (in Chinese), Vol. 2
Ji, Jiahuang (2003) Computer Neural Networks, Bolan, CAPST Journal (In Chinese), Vol 1, Page 6-8.
Ji, Jiahuang (2003) Chinese settings on Microsoft Windows Systems, Bolan, CAPST Journal (In Chinese), Vol 1, Page 20.
Ji, Jiahuang (1987) Interactive environment building system builder *Advanced in Chinese Computer Science*, Vol. 1, World Scientific Inc., Singapore.
Ji, Jiahuang (1983) A mutual exclusive algorithm on distributed loop network system," *Journal of Micro Computers*, China.
Ji, Jiahuang (1983) Some improvements on Richar's Algorithm Journal, *HUST*, China, Vol 5.

Books

- Ji, Jiahuang (2003) English in Action, an Electronic book (both data CD and audio CD version, including 28 lessons) made for 1180AM USAsia Voice radio station English program, available upon audience requests.

Chapters

Proceedings

- Jiahuang Ji (2007) Culture and law enforcement, Proceedings of WRSA Annual Conference, Page 40-41.
Jiahuang Ji (2005) Data and Human Resource Mining in High-Tech Ages, Abstract on proceedings of 2005 Sino-US Symposium on Science/Technology, Education/Talent Exchange and Economic Development at Atlanta.

- Ji, Jiahuang (2002). Data Mining – One of Top Ten High Technologies in the Near Future. Proceedings of SINO-US Symposium on High Tech and Economic Developments. Page 72.
- Ji, Jiahuang (1993) An optimal algorithm for PM2I networks to perform the Shuffle permutations Proceedings on Third International Conference for Young Computer Scientists. Page 1.37-40.
- Ji, Jiahuang (1992) The effects of the parallel computer communication systems on the performance of the parallel algorithms Proceedings on 1992 Symposium on Young Scientists on Applied Mathematics.
- Ji, Jiahuang (1990) Bin-Packing adjustable rectangles and applications to task scheduling on partitionable parallel computers,” Proceedings on 1990 Parallel and Distributed Processing. Page 312-315.
- Ji, Jiahuang (1990) Dynamic task allocation on shared memory multiprocessor systems Proceedings on 1990 International Conference on Parallel Processing. Page I17 – I21.

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

Funded External Grants

Consultant for Texas Commission on Law Enforcement’s POSEIT research project granted to College of Criminal Justice as SHSU, Fall 2001-Summer 2002. \$5,000.00

Peer-Review Presentations/Posters

Culture and law enforcement, WRSA Annual Conference, July 2007.

Data and Human Resource Mining in High-Tech Ages, 2005 Sino-US Symposium on Science/Technology, Education/Talent Exchange and Economic Development at Atlanta, October 2005.

Teaching User Interface Design, presented at the 2002 Annual Conference of the Association for Computers in Texas.

Data Mining – One of Top Ten High Technologies in the Near Future. SINO-US Symposium on High Tech and Economic Developments, 2002.

Users interface design techniques, International Chinese Petroleum and Petrochemical Technology Symposium, Beijing, China, 1998.

An optimal algorithm for PM2I networks to perform the Shuffle permutations Proceedings on Third International Conference for Young Computer Scientists. 1993.

The effects of the parallel computer communication systems on the performance of the parallel algorithms, 1992 Symposium on Young Scientists on Applied Mathematics, 1992.

Bin-Packing adjustable rectangles and applications to task scheduling on partitionable parallel computers, 1990 Parallel and Distributed Processing, 1990.

Dynamic task allocation on shared memory multiprocessor systems, 1990 International Conference on Parallel Processing, .

Work or Professional Experiences

1990-present Assistant professor, then Associate professor and graduate advisor, Computer Science Department, Sam Houston State University, Huntsville TX
1986 - 1990 Research Assistant, University of Houston, Houston TX
1985 -1986 Project Team Leader, World Information System Ent., Inc., Austin
1984 Visiting Scholar, Computer Science Department, University of Maryland
1982 - 1984 Teacher, Huazhong University of Science and Technology, China
1976 - 1979 Teacher, Huazhong University of Science and Technology, China

Honors and Awards

First recipient of the Yeh outstanding achievement in software engineering design award, 1995.

Other Competencies

President, Chinese Association of Professionals in Science and Technology, 1999-2000.
Advisor, Chinese Association of Professionals in Science and Technology, 2000-2008.
Software Requirement Engineering, invited lecture to Software School of JiangXi University of Finance, Summer 2004.
Software Development, invited lecture to Software School of JiangXi University of Finance, Summer 2004.
User's Interface Design, invited lecture to Software School of JiangXi University of Finance, Summer 2004.
Decision Tree, invited seminar given to Chinese professionals in response to an invitation by Chinese Association of Professionals in Science and Technology, 2004.
1180AM USAsia Voice radio station: *Computer World* program special guest to introduce the current trend of computer science area and to answer audience questions, 2003.
The principles of Database Design, relational algebra and relational database, invited seminar given to Chinese professionals in response to an invitation by Chinese Association of Professionals in Science and Technology, 2003.
Ji, Jiahunag, Tan, Tianxing . Promotion of High Tech and Economic Exchange Program between China and the United States. Southern US TV 2002.
Applications of Data Mining, invited seminar given to Chinese professionals in response to an invitation by Chinese Association of Professionals in Science and Technology, 2002.
Data Mining. Invited presentation to China Ministry of Science and Technology / United Nations Development Program in Beijing, China, 2001.
High Tech. – a Force of Great Influence over U.S. Economy. Invited presentation by Chinese Ministry of Science and Technology / United Nations Development Program in Chendu, Xian, Mianyang, and Yangling, China, 2001.
Development of China US Education Exchange Program. Invited presentation by Chinese Ministry of Science and Technology / United Nations Development Program in Beijing, China, 2001.