

XIAOMING ZHANG

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PROFILE

Assistant clinical professor and IT director in China program of FIU-School hospitality and tourism management. Senior researcher with doctorate and post-doctorate in computer science and technology. Strong IT project background in hospitality information technology, computing network, grid, digital library, distributed object system, digital video surveillance and quality system. Rich experience in managing projects, training teams and teaching students. Actively and successfully planned, organized and pushed several important international projects.

EDUCATION

- Doctorate of Engineering, major in Computer Science and Technology** Apr.1998 - Jun.2001
National University of Defense Technology
Dissertation topic: Research and Implementation of Asynchronous Messaging Based on Distributed Object
- Master of Engineering, Major in Computer Software** Sep.1995 - Mar.1998
National University of Defense Technology
Thesis topic: Design and Implementation of Basic Object Adapter
- Bachelor of Engineering, Major in Computer Application** Sep.1988 - Jul.1992
National University of Defense Technology
Thesis topic: a New Chinese Expert System

ACADEMIC EXPERIENCE

- Assistant Clinical Professor and Director of IT** Aug.2007 -
Florida International University, School of Hospitality and Tourism Management, Marriott Tianjin China Program (<http://hospitality.fiu.edu>, <http://www.tuc-fiu.cn>)
- Instruct "Hospitality Information Technology" course
 - Build and manage the international Hospitality and Tourism Information Technology Lab
- Visiting Scholar** Feb.2007 - Jul.2007
Florida International University, Miami, US (<http://hospitality.fiu.edu>)
- Research the Information Technology on Hospitality and Tourism, such as Property Management System, Micros POS and E-fridge;
 - Research the teaching style of US University including procedures, methods and policies;
 - Research the teaching aiding and management system including PantherSoft and WebCT.
- Senior Researcher and Project Manager** Nov.2003 - May.2006
Computer Network and Information Center, Chinese Academy of Sciences
- Managed the Operating Environment of China National Grid (CNGrid, <http://www.cngrid.org>) project, which is the biggest grid project in China;
 - Organized about ten people to plan, design and develop key technologies in CNGrid operating environment, such as portal, web services and user management;
 - Transplanted forties applications to CNGrid platform;
 - Integrated system software from different partners, including middleware, security subsystem and monitor subsystem;
 - Reviewed, controlled and managed the operating quality of all nodes in CNGrid;
 - Pushed the cooperation between CNGrid and Plugtests project of ETSI and CNRI in France, and as the main coordinator, organized 500 CPUs in CNGrid to support Plugtests 2005 project in France.
- Postdoctoral Researcher and Teacher** Aug.2001 - Oct.2003
Digital Multimedia Lab, Graduate School of Chinese Academy of Sciences

- Gave lesson in computer arithmetic for the graduated students in CAS;
- Managed the digital library project (Universal Library, <http://www.ulib.org.cn>), which was funded by American NSF and China's Education Department;
- Organized research group about seven people to design and develop many key software tools, which brought four software copyrights and great admiration from American partners - CMU librarians;
- Cooperated with Legend company, developed J2me middleware based on Lenovo handPC;
- Directed and developed the digital video surveillance system.

NON-ACADEMIC EXPERIENCE

Journal reviewer

"Application Research of Computers" 2009.2 -

"Computer Engineering & Science" 2001 -

Consultant

2008 -

PowerSI Information System Inc. (<http://www.powersi.com.cn>)

- Provided consulting on information technology

Senior Software Quality Manager

Jun.2006 – Dec.2006

Becom Software Company (<http://www.becom.com.cn>)

- Successfully deployed and pushed the ISO 9000 and CMMI quality management system;
- Managed and reviewed the software development process and product quality;
- Defined and improved the integrated software engineering process.

President and Chief Executive Officer

2002 - 2004

CenterSoft Software Inc.

- Founded the software developing corporation;
- Built team and operated business;
- Developed digital video surveillance system

Software Engineer

Jul.1992 - Jul.1995

Satellite Lanching Centre of Taiyuan

- Satellite real-time data processing and related database software development

PUBLICATIONS

- 1 China National Grid, GRID@WORK Conference in France, 2005
- 2 Research of e-science based on advanced network, Chinese e-science Forum, 2003
- 3 Research and Implementation of Asynchronous Messaging Based on Distributed Object, Computer Engineering & Science,2003.1, 109
- 4 Open Electronic Book on network, Chinese Digital Library Forum, 2002
- 5 A dynamic scalable asynchronous messaging model based on distributed object, Computer Engineering & Science, 2002.3, 48-50
- 6 High performance asynchronous callback model based on distributed object, Journal of National University of Defense Technology, 2001.3, 77-82
- 7 Asynchronous calling technology based on CORBA, Application Research of Computers, 2001.12, 28-31
- 8 Research and implementation of asynchronous callback model based on distributed object, Computer Engineering & Science, 2001.6, 86-90
- 9 Message routing based on XML component, Chinese XML Symposium, 2000
- 10 High performance virtual distributed object, Journal of Computer Research and Development, 2000, S1
- 11 Research and implementation of Object Request Broker YHCSBroker/ORB, Journal of Computers, 1997, S1