

XIAOHUA GUAN**SUMMARY OF QUALIFICATIONS**

- Ph.D in Computer Science and 6+ years of fulltime software development
- Solid background in embedded system, Windows driver development and system integration with multiple commercial products
- Contributor in java community - OpenJDK open-source project
- Experience in Internet searching engine and data mining
- Experience in project management, PMP Certified

TECHNICAL STRENGTHS

- Over 8 years solid experience in C and C++
- In-depth knowledge of Java and JVM, experience with JBoss AS
- Experience with Statistics languages SAS, R
- Extensive experience a variety of operating systems: Unix, Linux, Windows (Desktop/Mobile/Tablet)

EDUCATION

- **Ph.D in Computer Science 12/2011(Expected, GPA 3.9/4.0)**
University of Nebraska-Lincoln
Research Area: Improving the Performance of Application Servers At Runtime, Garbage Collection Algorithms for Hotspot JVM and Dynamic Escape Analysis.
Publications: "Investigating the Effects of Using Different Nursery Sizing Policies on Performance" Xiaohua Guan, Witawas Srisa-an, and Chenghuan Jia, *International Symposium on Memory Management (ISMM)*, Dublin, Ireland, June 19-20, 2009.
- **M.S in Computer Science, 03/2002**
China Agricultural University, Beijing, China
Thesis: "Research on PPPoE Protocol and Its Implementation on Windows Platforms"
Product1. Creative PPPoE Client, the first commercial Windows PPPoE Client implemented in China.
Product2. WMS: A Domain Oriented System for Web Information Mining
Other Research Project: "Intelligent Information Agent for Internet Resource Acquiring"
- **B.S in Computer Science, Chang'an University, Xi'an, China, 09/1995 - 07/1999**
Thesis: "Research On Domain Oriented Internet Search Engine and the Java Implementation"
Product: "Trans-Search", a Domain Oriented Internet search engine prototype

TRAINING

- Summer School on Theory and Practice of Language Implementation, University of Oregon, Eugene, Oregon, 07/2009
- Advanced Project Management Course, National Computer Systems Pte Ltd , Shanghai, China, 07/2004

WORKING EXPERIENCE

Software Engineer, Senior Software Engineer & Project Manager 03/2002-12/2007

FIC Software Lab, Shanghai, China (FIC: First International Computer)

- Led and developed in projects on embedded systems (Digital Photo Frame, open source Smart Phone OS, Portable Media Player), system integration (Tablet PC), manufacture support software development (Recover CD Maker), Windows Driver Development and database systems.
- Requirement analysis, system design, pre-sales proposal, patent drafting
- Trained 5 new employees

Software Engineer (Intern) 10/2000-10/2001

Creative Technology China, Beijing, China

- Designed the Creative PPPoE Client, and various network diagnostic tools
- Received training on documentation and software development processes.

SERVICES

- Judge of “ACM International Collegiate Programming Contest” 2009 Regional Contest at North Central North America, Oct. 2009
- Judge of “ACM International Collegiate Programming Contest” 2010 Regional Contest at North Central North America, Nov. 2010
- Teacher at Lincoln Chinese School, Fall 2010, Spring 2011
- Volunteer at Center for People In Need, 2010

CERTIFICATIONS

- “Project Management Professional (PMP)” through *Project Management Institute (PMI)* (June 24, 2006), No.419380
- “Advanced Software Engineer” through *National Software Professional Skill Evaluation Committee of China* (Oct, 1998), No.9861005034

ASSOCIATIONS

Certified PMI Membership; Sun Microsystems Contributor; ACM SIGSOFT student Membership