

**EDUCATION**

- University of Southern California, Viterbi School of Engineering** Los Angeles, CA  
*PhD of Computer Science (Software Engineering), GPA: 3.8/4.0* December 2006
- University of Science and Technology of China (Top 10 in China)** Hefei, China  
*Master of Electronic Engineering and Communication Systems, GPA: 3.7/4.0* July 2001  
*Bachelor of Electronic Engineering and Information Systems, GPA: 3.5/4.0* July 1997

**SKILLS**

C/C++, Java, C#, TCP/IP Socket, JDBC, VB, XML, Javascript, JSP, PKI, X.509, SSL, SharePoint, Active Directory, SQL Server, Linux, Oracle, Solaris, CMM, RUP, Rational Rose, UML, MS Visio, Office, MS Project

**EXPERIENCE**

**Center for Software Engineering (CSE) at USC** Los Angeles, CA  
*Research Assistant* May 2002 - Present

- Drove a research initiative across CSE and USC Information Service Division to automate Cisco Firewall-rule-generation based on quantitative security threat modeling; Designed and implemented the software tool with C#, XML, and MS Access; Presented research results and software demo to ISD security team
- Researched methodologies to improve project management based on empirical project life-cycle analysis; Presented findings in the International Symposium on Empirical Software Engineering Conference
- Coordinated an 8-person-team which developed an intelligent code changes counting tool in C++ and Java
- Managed a 7-person-team which developed the CSE website (about 250 web pages)

**Microsoft Corporation, Windows Small Business Server (SBS) Group** Redmond, WA  
*Program Manager Intern* May 2005 – August 2005

- Drove product vision on SBS Extranet authentication and licensing across SBS test/dev and marketing teams; Designed and concept-proved a CAL-unlimited Extranet solution that has been adopted by SBS R2; Studied ADFS technologies; Presented recommendations to SBS Program Manager team
- Assessed SharePoint Service customization efforts by meeting with relevant MS teams to improve SBS Extranet out-of-box user experience; Developed demo site with Frontpage and SharePoint

**State Key Lab of Information Security, Graduate School of USTC** Beijing, China  
*Research Assistant* July 1999 - July 2001

- Developed Public Key Infrastructure (PKI) components in C/C++ on Linux for NSF
- Implemented DES/RSA/Hash encryption/decryption/digital-signature algorithms in C/C++/Java on Linux
- Developed Client/Server Intrusion-Detection-And-Response-System based on SNORT for NSF

**Infosec Technologies Corp.** Beijing, China  
*Project Manager/Software Engineer, Best Employee Award* January 1998 - February 2000

- Managed a 5 person, \$36,000 project developing Internet banking authentication system with Infosec technologies; Worked on site with bank customers
- Implemented e-banking PKI authentication components in C/C++/Java on Solaris; participated tailoring the *Infosec Internet Banking Solution* for 4 commercial banks; Presented Infosec solutions to bank customers

**Communication System Lab, USTC** Hefei, China  
*Developer* September 1993 - May 1997

- Developed concurrent multi-user MS SQL Server TCP/IP Proxy in C/C++ for Sun Unix clients; won the *1<sup>st</sup> Prize Award in the 3<sup>rd</sup> USTC Software Design Contest*, 1996

**SELECTED PUBLICATIONS**

- *An Empirical Study of eServices Product UML Sizing Metrics*, IEEE/ACM International Symposium on Empirical Software Engineering (ISESE 2004), 2004
- *System Level Metrics for Software Development Estimation*, Fast Abstract, ISESE, 2004
- *Adaptive Intrusion Response to Minimize Risks over Network Attacks*, Technical Report, 2002

**AWARD**

- *Outstanding Teaching Assistant Award*, Computer Science Department at USC, 2002 Los Angeles, CA