

JASON ZHU

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OBJECTIVE

Software engineering in automation tools, quality assurance, testing, and system support

QUALIFICATION SUMMARY

- * Experienced in life cycle of computer software design, development, testing, quality assurance, documentation, implementation, system/application integration and support.
- * Proficient in mastering and programming with C/C++, Java, Perl, SQL, HTML, and scripts.
- * System engineering, training, testing, and problem solving expertise on Windows systems.
- * Professional on networking, Internet publishing, client/server architecture.
- * MS and BS of Computer Science; MCSE and Compaq ASE certified.

PROFESSIONAL KNOWLEDGE AND SKILLS

Programming: C#, C/C++, SQL, Java, JavaScript/DHTML, Perl, scripts, etc.
OS / Platforms: Windows 2003/XP/2000/NT/9x, WinPE, Unix/Linux, and MS-DOS.
Database/Networking: SQL Server, mySQL, PostgreSQL, IIS, Apache, TCP/IP, etc.
Others: Customer service, testing, localization, and technical writing.

WORKING HISTORY

Present Software Test Engineer, [Zetron, Inc.](#)

Feb 05 – Dec 05 Software Developer, [Philips Medical Systems](#), Bothell, WA

- * Designed and programmed upgrade/installer tools in C++, C# and scripts on XP Embedded.
- * Deployed and supported XP Embedded OS imaging in Target Designer for ultrasonic medical systems.

Personal projects in web development and system support (10/2001~current):

- * Designed, implemented, and maintained an online registration system with CSS/DHTML and CGI/Perl. This is a web application. *See a demo at <http://70.98.54.25/~righthan/cgi-bin/regform.cgi>.*
- * Programmed in Java and tested GUI for an Emaik ERP system (with PostgreSQL on Redhat).

Aug 02 – Feb 05 Software Engineer, [Volt Information Sciences, Inc](#) (Microsoft contracts)

- * Designed and developed a GUI application in C#.Net and maintained Perl scripts in CTT automation testing system for Windows media technologies. (*SDET*, contract with Microsoft Windows Media)
- * Maintained C#.Net automation testing harness, SQL scripts, Magellan code coverage and VerifyInstall tools, in order to review and implement sanity test plans for Windows Service Pack products and components bucket tests. (*STE*, 2003~2004, contract with Microsoft Windows Sustained Engineering)
- * Programmed automation scripting systems in SQL Agent jobs with T-SQL, Perl, and NT command shell batch to provide monitoring, notification, auto-fixing features, and support to SQL servers, web servers, data warehouse operations and data mining pipeline systems (*System Support Engineer III* with MSN)

Apr 99 – Jul 01 Senior Software Engineer, CRM Outbound Solutions Development
[Avaya, Inc. \(former Lucent Enterprise Group\)](#)

- * Provided and executed testing plans for Campaign Director in use of tools in scripts or C/C++.
- * Achieved Windows 2000/NT platform qualification, performance tuning, and multi-boot configuration in support and testing of Mosaix PDS Dialer, networking, client systems, and OEM products.
- * Maintained engineering documentation, product numbers, CD images and Change-Request.

Jul 97 - Nov 98 Senior System Engineer (Consultant)

[Compaq Computer Company, Hong Kong \(China\) Ltd.](#)

- * Presented proposals and support for major accounts on Compaq ProLiant server, storage, networking, desktops, and software products with SCO UNIX, NetWare and Windows NT.
- * Refined Compaq server products for competition and testing on Windows 95/NT, SCO UNIX, SQL Server 6.5, Oracle, Lotus Notes, and NetWare applications.
- * Participated in C/C++ and Active Serve Pages (ASP 2.0 on IIS4) development for Compaq Enterprise Computing Solutions support and web publishing.
- * Developed product presentation in HTML and white papers for road shows and seminars.

Aug 89 - Jun 97 [Chinese Academy of Science](#)

Technical Support (»Temporary & Part-time«: 01/97 - 06/97), Microsoft (China), Ltd.

- * Provided support and solutions on NT, SQL, IIS, Windows and networking applications.
- * Created, translated and redacted software product FAQ, KB, user guides, manuals and books, including Compaq SoftPaq, MS-Basic, VB/VC, and CompuWare EcoSystems in Chinese. (1990-1997)

Technical Lead (11/94 - 12/96), Networking and [Chinese Platform Project](#)

- * Supported Windows NT, SQL Server, IIS, Chinese platform products, and network engineering.
- * Designed and implemented testing cases on Chinese platform products (GB and Big-5 code).

Support Engineer (»Part-time«: 07/93 - 02/94), Compaq & IDS (China) Service Center

[National Lab of REIS](#) (GIS project), Assistant Researcher, 8/89-9/94

- * Designed and developed Geographical Information System (GIS) application, data processing modules and database interface in C/C++ and Fortran to analyze the shortest route in railway networks.
- * Designed application and localization interface in C to process double-byte Chinese characters (GB and Big-5 code) in layer display and legend input to operate with ARC/INFO system.
- * Co-developed VIS (Virus Immunity Shell) algorithm and programs in C and MASM to test and implement at system/application level for counterattacking computer viruses.
- * Provided internal support to VAX, Sun & SGI workstation, and Compaq servers.

EDUCATION

Sep 04 - Jun 06 MSCS – Web Programming in E-Commerce, [City University](#)

Sep 85 - Jul 89 Bachelor of Computer Science (BS),
[Beijing University of Aeronautics and Astronautics](#)

CERTIFICATES AND AWARDS

- * Avaya Mosaix System Supervisor certified (2001)
- * Microsoft Certified System Engineer ([MCSE](#)) based on NT/95, SQL, IIS, and TCP/IP
- * Compaq Letter of Excellence for outstanding performance rating in 1997/1998
- * Compaq Accredited System Engineer ([ASE](#)) Certificate (1997)
- * Compaq Service Engineer (CSE) Certificate (1993)

OTHER INFORMATION

- * Willing to travel and relocate
- * Bilingual in English and Chinese (Mandarin and Traditional Chinese)
- * Reference furnished upon request