

Jijun Wang

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Summary of Qualifications:

- Over 3 years professional experience in system administration and software development
- Familiar with platforms: Solaris, AIX, Linux, Windows 2000/ NT4.0/98/95.
- Familiar with programming languages: JAVA, C/C++, ASP, Perl, SQL, VB Script, Java Script, HTML etc.
- Easy adaptation to new technology

Professional Experience:

School of Information Sciences, University of Pittsburgh, Pittsburgh, U.S.A.

July 2002 to Present ~ Graduate Student Researcher

- Engaged in *Controlling Multiple UAVs* and *Controlling Robot/Agent/ Human teams for Urban Search & Rescue* projects.

System Division, Tsinghua University Library, Beijing 100084, P.R.C

June 2000 to August 2001 ~ Vice Head of System Division and Project Manager

- Engaged in a significant project of localizing the *OCLC Site Search System*, which integrates remote database and local database through Z39.50 protocol, of OCLC Inc. (USA). Leading a team of 4 people to analyze Site Search codes, localize Site Search to support various character sets (Unicode, GB, CCCII, etc.) using JAVA in Solaris environment.
- Developed a demonstration system of Library Search Engine that parallel searches data and integrates data among different Libraries through HTTP protocol. Responsibilities included system design and coding with Perl, SQL on AIX UNIX platform and Oracle Database

August 1998 to June 2000 ~ Senior Software Engineer and System Administrator

- Designed the *Management Module of Internet Traffic Count System* that communicate with the Traffic Server and capture the client computers' screens to the control computer for a monitor purpose. This module was coded by C++ and powered by the free software VNC (Virtual Network Computer).
- Designed the Smart Library System that communicates directly with Library Bibliotheca System to supply special services and takes over the search interface of Bibliotheca System to add additional function for readers. My responsibilities included system design and coding using ASP, SQL, HTML, VB Script, and Java Script.
- Created and developed *Online Course Registration* website for the Elementary Physics Laboratory of Tsinghua University. Coded and built up the user interfaces and database applications using ASP and SQL on Windows NT4.0. This website offers online course registration and grades inquiring services.

Computer Skills:

