Stanley J. Hearn
180 Jasper Drive
Stockbridge, GA, 30281

Telephone: (770) 507-6075
Cell phone: (770) 335-8693
Email: StanHearn@attbi.com

SUMMARY OF QUALIFICATIONS

Results-oriented Senior Solaris System and Network Administrator. Broad technical and hands-on management experience in all aspects of enterprise-wide information technology. Creative problem solver relating to security, system design, and implementation as well as application development. Proven ability to lead teams that troubleshoot hardware and software problems. Dedicated to doing whatever it takes to ensure the success of the organization.

- Experienced team leader with outstanding bottom line results.
- Possess acute technical aptitude to independently learn and apply new technologies.
- Certified by the Global Information Assurance Certification (GIAC) from SANS - GSEC and GIHC certifications.
- IT department experience in budgeting and staffing.
- Adept at utilizing free/open-source software to solve company-wide technology challenges.
- Extensive experience with mail, web, database, file, NIS, and DNS servers.

RELATED EXPERIENCE

INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY, Atlanta, Georgia **1993-2002**

Leading Graduate Research Center dedicated to the Global Pulp and Paper Industry, a cooperative educational institution on the Georgia Institute of Technology campus.

Systems Support Specialist IV (July 1995-May 2002)

Supervised system/network administrators. Led information security team dealing with all aspects of information security. Administer all aspects of business-critical systems including troubleshooting hardware/software, disaster recovery planning, security auditing, resource expansion planning, upgrade, automation, and management. Work with all levels of management to design technical solutions to company-wide business problems. Troubleshot and maintained network consisting of eight subnets containing over 300 nodes connected using firewalls, routers, switches, and VPN.

- Successfully implemented security baseline and risk analysis projects of all UNIX and NT systems using free/open-source software.
- Designed and developed web-based secure document sharing for principal research investigators using Bourne shell, Apache server-side includes and Perl CGI scripts.
- Designed and scripted a host-based intrusion detection and system configuration recording system using the Bourne shell.
- Led technical implementation of Digital Library Collections project placing XML technical project papers into an IBM Digital Library database (DB2) for web-based search and retrieval running on an IBM RS/6000 AIX system.
- Developed Internet content management methods for non-technical personnel to publish web content in one place where the information appeared on four virtual web servers.
- Designed and developed web-based email newsletter opt-in mass email systems.
- Designed and developed web-based alumni directory and email merge communication system utilizing Perl CGI scripts.
- Designed and developed web-based applications including: event calendar application, system account information search engine, electronic photo album viewer, web form parsing for non-technical publishers, and company directory search engine.

Associate Technical Specialist (July 1993- June 1995)

Supervised micro support staff offering hardware and software support for approximately 200 Windows and Macintosh workstations. Developed migration and rollout plans for all office automation/productivity software. Supervised purchasing and implementation of all Intel-based hardware and software. Created and instructed employee technology education seminars.

- Developed plan and led support team that subnetted entire company from one subnet into eight.
- Managed network expansion plan to accommodate leased space in industrial facility three blocks from main campus.
- Created multi-user company mailing-list manager application to easily manage company and alumni contact information containing over 18,000 records using FoxPro for Windows.
- Converted UNISYS A6 databases to Microsoft FoxPro.
- Created project management software for the information technology department.

LECTRA SYSTEMS, INC, Marietta, Georgia **1989-1993**

National CAD Specialist (1991-1993)

Rolled out first UNIX (System V release 3.2) server offered by this company utilizing a relational database system for apparel production management.

Field Service Representative (1989-1990)

LOCKHEED AERONAUTICAL SYSTEMS GROUP, (GA DIVISION), Marietta, Georgia

Associate Aircraft Engineer **1986-1987**

ASYLUM COMPUTER SERVICES, Jonesboro, Georgia **1979-1990**

Systems Analyst and Programmer for small computer service firm offering accounts payable, mailing list administration, and database administration services to Atlanta businesses.

CERTIFICATIONS

- **GIAC Securities Essentials Certification** (February 2002)
  (Practical Paper: http://rr.sans.org/unix/backup_script.php)
- **GIAC Incident Handling and Hacker Exploits Certification** (April 2002)
  (Practical Paper: http://www.giac.org/practical/Stanley_Hearn_GCIH.zip)

EDUCATION

Bachelors of Electrical Engineering Technology, Southern College of Technology, Marietta, Georgia

AWARDS AND ACTIVITIES

- Company sponsored charitable giving campaign team member raising over $120,000 in annual employee donations for United Way and Habitat for Humanity (1997-2000).
- Served as Institute Employee Council Delegate (1995-1997, 2000-2001).
- Served as Institute Activities Association President (1995-1997), Treasurer (1999-2002).
- Lead company's participation in the Salvation Army Angel Tree Program (1994-2001).

Stanley J. Hearn **Telephone: (770) 507-6075**

TECHNICAL ADDENDUM

Specific expertise/strengths include:

- System/Network Administration.
- Security Administration.
- Project Management.
- Web Application Development.
- System Development and Integration.
- FoxPro, Oracle, dBase III, MySQL Database Admin/Conversion.
- Micro Applications Development.
- Apache Web Server Installation and Configuration for Multiple Virtual Servers.

SKILLS

Security

- Able to identify threat vectors in order to perform risk assessments to produce operating system hardening procedures of critical systems utilizing “Defense In Depth” techniques.
- Proficient using security tools. (Snoop, TCPDump, TCP Wrapper, NMAP, YASSP, Satan, Crack, L0phtcrack, Netcat, COPs, etc).
- Experienced in securing operating systems-Solaris, Irix, AIX, WinNT/2000.

Hardware/Operating Systems

- UNIX Systems: Sun Solaris, IBM AIX, SGI Irix, HP HPUX, and RedHat LINUX.
- Successfully installed, maintained, and upgraded Sun, SGI, and IBM UNIX systems.
- DOS 3.2 through DOS 6.22, Windows 3.1 through Windows XP, MAC OS 6.8 through MAC OS 7.1.
- Microsoft Windows NT 4.0/2000 administration.

Protocols and Services

- HTTP, HTTPS, IPSEC, NIS, DNS, NFS, PPP, Sendmail, SSH, POP3 - Qpopper, IMAP, PGP, PKI, INN USENET News, Majordomo mailing list.

Programming Languages

- Primary languages: Bourne UNIX shell scripting, Perl, Visual BASIC, Visual BASIC for Applications.
- Secondary languages: Korne and Bash UNIX shell scripting, C/C++, JavaScript, Expect.

Web Expertise

- Apache installation and configuration, CGI, HTML (forms, tables, etc), JavaScript.

Databases

- SQL, SQL+, dBase III+, Microsoft FoxPro, Microsoft Access, Oracle, Ingres, MySQL.
- SCT Banner, SIRSI Unicorn, Cuadra Star.
- Excellent understanding of database theory and design.
- Experience in implementing and supporting large database systems.

Networking and Communications

- IPX, TCP/IP, AppleTalk, EtherTalk, RS232, RS422.
- Cabletron, Cisco, Annex, Xylogics, Bay Networks, 3Com.
- Cisco PIX and Cisco VPN.
- Dialup Network Servers for both TCP/IP and IPX.

Miscellaneous Applications

- Involved experience using Veritas Solstice DiskSuite for system disk mirroring and transaction logging.
- Proficient at Visual Basic for applications as it pertains to the Microsoft Office suite.
- Microsoft Office Professional, Eudora Pro, FTP, Telnet.
- Numerous projects working with many different departments to design and implement software solutions to web content management.