Brian Epstein

1308 Nottinghill Lane   ep@epiary.org
Hamilton, NJ 08619   +1 609 221-6989

Related Skills

- **Systems and Network Administration**
  Standard Unix utilities, clients, servers and applications
  RedHat Linux 5.2 - 9, Debian Linux, Solaris 2.5.1 - 8, Windows NT/2000/XP
  Database design and administration, MySQL, PostgreSQL, Oracle, Sybase
- **Security**
  iptables, NFR, PAM, PGP/GNUpg, Tripwire, Checkpoint Firewall-1
  One time password technologies: SNK, SecurID, CryptoCard
  Penetration testing, forensics, 802.11 wireless network auditing
- **Development**
  C, PERL, shell scripting, VBScript, Regular Expressions, SQL
  Reverse engineering skills, gdb, strace, hex editors, packet sniffers
- **Management**
  Ability to designate responsibility, motivate team members and meet project goals
  Level headed in stressful situations, ability to take charge and make decisions
  Capable of client interaction at appropriate technical level

Certifications

- RedHat Certified Engineer (RHCE) – 808003887207383 (8.0) and 806199959701046 (6.1)
- Sun Solaris Certified Systems Administrator
- Tripwire 2.4 Certified Professional
- NFR Certification

Work Experience

Advanced Systems Consulting, Inc. (ASCI)   May 2001 - present
Senior Consultant   www.advsys.com
- **Razorwire™ "security in depth" outbound gateway appliance**
  Key team member responsible for Research, Design and Development of Razorwire™.
  Authored Paso™, a telnet, ftp and plug proxy for Linux and Solaris.
  Developed updating and configuration method for remote administration of Razorwire™.
- **ASCI internal projects**
  Authored network scanning script to detect Code Red infected and vulnerable machines.
  Authored exploit presentation for an ASCI security conference for banking professionals.
  Authored RedHat 7.1 and co-authored Solaris 8 hardening documents.
  Added feature enhancements to VB scripts for LDAP password expiration notification.
  Installed internal PGP/GNUpg public key server.
  Installed internal rpm up2date server for use with office Linux systems.
  Installed internal Bugzilla tool for Razorwire™ and infrastructure bug reporting.
  Created squid packages with SmartFilter integration.
  Trained interns on Unix environments.
  Performed general Linux, Solaris, NT and MySql administration.
- **UltraDNS – Lead Consultant**
  Performed Billing Data Flow analysis to discover lost revenue.
- **Honeywell**
  Performed as security auditor to discover potential problems dealing with planned merge.
  Conducted in depth interviews with Honeywell employees to discover security problems.
- **General Electric (GE)**
  Developed method for securely transferring log files over the Internet to an ftp drop box.
  Performed general Solaris, SNK, ACE server and Checkpoint Firewall-1 administration.
- **Equitable Gas (EQT)**
  Jointly developed, installed and administered "security in depth" gateway.

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Collective Technologies (CT)   Feb. 1999 - March 2001
Consultant   www.colltech.com
- **CT internal projects**
  Performed as senior interviewer for prospective Level 2 and Level 3 employees.
  Regularly contributed to the Collective Intellect, an internal nationwide help system.
- **Morgan Stanley Dean Witter (MSDW)**   July 2000 - March 2001
  Jointly managed Global transition from cron to AutoSys job control utilizing AFS.
  Troubleshot CA's AutoSys job scheduling product.
  Supported Global network of AutoSys users.
  Developed PERL and C data mining tools for AFS and Sybase to collect and graph data.
  Performed general administration in a highly specialized Unix environment.
- **Dupont Capital Management (DCM)**   July 1999 - July 2000
  Solely managed midrange site of data miners in a Unix/NT heterogeneous environment.
  Trained junior systems staff to take over administration of Unix machines.
  Conducted a site survey to update documentation and create a network diagram.
  Developed PAM module to allow Unix servers to authenticate via existing NT Domain.
  Developed job control PERL module to enhance cron usage.
  Integrated monitoring schema to watch network and system resources.
  Integrated SAS, Samba, Cognos and Apache.
  Migrated web data and CGI scripts from HPUX to Solaris.
  Performed general administration of Solaris, Linux, HPUX, NT and Oracle systems.
- **NEC**   Feb 1999 - July 1999
  Solely managed small site of engineers.
  Implemented and taught SCCS version control for production engineering use.
  Redesigned DLT jukebox backup schema.
  Performed general administration of Solaris, NT and Cisco routers.

Telecommunications Division, Rutgers University (TD)   Mar. 1997 – Jan. 1999
Student Systems Programmer   www-td.rutgers.edu
- Developed monitoring schema for dorm network to project needs and find illegal services.
- Integrated DES authentication with Apache based Stronghold SSL Web Server.
- Performed general administration of SunOS, Solaris, Linux, NT and Oracle systems.

Pennsylvania Power and Light (PP&L)   June 1998 – Aug. 1998
Cooperative Assistant   www.pplweb.com/
- Converted mainframe inventory control interface to web based application.
- Performed general administration of HPUX 10.10 and Oracle servers.

Education

Rutgers University, Rutgers College - New Brunswick, NJ
- Bachelor of Science, Computer Science   January 1999
- Minor, Cognitive Science

Organizations

American Legion New Jersey Boys State - Counselor   June 1995 – present
- Technology co-director, in charge of infrastructure
- City Counselor

New Jersey Boys State Foundation - Board Member   June 2002 – present
- Technology team design manager, equipment procurement, donations

United States Parachute Association (USPA)   July 2000 - present
- USPA #163471