DAVID J. RUEDEMAN email: djr@ondesign.comOne Oleander Drive,
Northport NY 11768 c. 917-647-9258 p. 631-757-9459

Linux/UNIX/Windows Systems Engineer

- **Systems Administration**
- **Windows/OSX/Linux/UNIX Network Support**
- **System Integration and Design**
- **Security - Firewall configuration, Intrusion detection, Encryption**

- **Storage Architecture & Engineering**
- **Hardware/Software Interface design**
- **Systems Integration**
- **Software Systems Development**
- **Staff Motivation & Development**

Results-oriented, people-focused IT Professional with strong hands-on IS and networking experience in the Media Industry. Proficient at establishing business relationships, working effectively with individuals and groups and in acting as liaison between a company, its internal staff, external vendors and clientele. Skilled at hands-on project management, problem-solving and in the development and implementation of advanced technology and process based improvements. Earned reputation for, "getting the job done". Experience backed by Masters in Computer Science (MSCS) and Bachelors of Electrical Engineering (BSEE).

SYSTEMS & TECHNOLOGIES

SOFTWARE: Solaris, Linux, UNIX, OpenBSD, Windows XP,7,8. Windows Server 2003, 2008R2, 2012, PSOS, TCP/IP, C, Visual C++, C#, Powershell, Assembler, Device Drivers, Shell Scripting, Open BSD, Sendmail, Apache, Netcool, PERL, Resonate, NFS/NIS, DNS, SSH, AIX, Samba, DHCP, PXE, Request Tracker, Jumpstart, Kickstart

HARDWARE: : SuperMicro, Intel Servers, Sun SPARCs PCI, 68K, 68HC16, Fibre Channel, I2C, PC Platform, Macintosh, Ethernet, Cisco Switches

PROFESSIONAL EXPERIENCE

Director Systems Engineering 2002 –2013
CHYRON CORP., MELVILLE, NY
- Developed embedded Linux System For Digital Signage Application. Hardware and Software.
- Developed Custom SAN with Clustered Storage for our clients. Integrated our Playout systems into Apple's XSAN environment.
- Architected, designed and implemented three high availability configurations for Asset Management System. Two were clustering solutions and one was a warm standby system.
- Designed, selected & tested Chassis, motherboard, processor and memory up to and including Operating Systems & device drivers. Adherence to specifications such as SMNP conformance.
- Implemented Hardware Design for RAID based Clip Sever.
- Developed I2c based monitoring system using embedded controllers. Used C# for front end communication.
- Performed embedded "C" programming for keyboard controller.
- Designed Implemented PXE based Windows deployment system using a hybrid of Linux and Windows PE/Ghost.
- 3rd level support for system problems from our customers. Specializing in storage, clustering and high availability. Direct support to high value clients: HSN, CNN, Turner Broadcasting, ABC, NBC
- Managed a hardware team providing a computing platform for graphics devices.

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Senior Engineer, Interactive Television   2001 – 2002
MTVI GROUP (VIACOM), NEW YORK, NY
Recruited to bring Interactive Television in-house, allowing at-home viewers to influence on-air programming in real-time via Internet voting, for web division of MTV network.
- Consulted on network attached storage servers that were being used for "Control Freak", an interactive, on-air viewer voting application. Built new local storage servers and a cluster. **Result:** Increased uptime from 40% to 100%.

Director, Web Services   2000 – 2001
EARTHWEB INC./INTERNET.COM, NEW YORK, NY
Directed activities of Database and Systems Administrator Team Internet publisher of over 24 IT career development and knowledge sites.
- Hired and developed internal IT team to replace costly outside consultants. Affected a knowledge transfer during a two-month transition period. **Result:** Saved company a projected $600,000 per year.

Senior UNIX Systems Administrator   1999 – 2000
MAIL.COM, NEW YORK, NY
Responsible for over 400 servers in multiple infrastructure messaging environment for leading global provider of Internet messaging services for businesses and consumers.
- Developed and implemented modified version of "Jumpstart Project", the automatic software installation of SUN servers with standardized configurations from a centrally managed server. **Result:** Deployed new servers in hours instead of days, automatically without SA intervention.
- Directed "Blank Volumes Project", switching in a working network attached storage device for a non-working system while maintaining uptime. **Result:** Reduced recovery time from a network attached storage failure from 4 hours to 30 minutes.

Director of Product Development/Manager of Systems Engineering   1975 – 1999
CHYRON CORP., MELVILLE, NY
Assumed positions of increasing responsibility culminating in position as Director of Product Development where brought new graphics product such as "Duet" and "Scribe", to market for a designer, manufacturer, marketer and distributor of graphic systems for clients in the Broadcast Industry such as CBS, NBC, ABC and CNN.
- Project managed "Scribe", Chyron's next generation graphics system. **Result:** Over $100 million of Scribe products were sold over a three-year period.
- Network engineered solution for ftp server failure at CNN. Corrected problem in one visit at client site. **Result:** Improved client satisfaction at CNN.
- Designed prototype to speed up process of developing Scribe graphics. Created system parallel to design of final metalwork. **Result:** Accelerated development process by doing tasks in parallel.
- Researched and developed SCSI drives to get uncompressed streaming video onto and off of frame buffer boards. **Result:** Company sold an enhanced product to its customers.

PERSONAL ACTIVITIES

Multi-Sport - Triathlete   2008-Present
NYC TRIATHLON 2011 & 2012
APPROXIMATELY 10 COMPETITIVE EVENTS PER YEAR

EDUCATION

POLYTECHNIC INSTITUTE OF NEW YORK, FARMINGDALE, NY: **Masters in Computer Science (MSCS)**
STATE UNIVERSITY OF NEW YORK (SUNY) AT BUFFALO, BUFFALO, NY: **Bachelors of Electrical Engineering (BSEE)**