

Ron Schnell

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Executive Profile

Accomplished executive with a history of running large technology organizations, from early stage startups to large divisions of S&P 500 corporations. Recent history of running a corporation specializing in auditing and enforcing Microsoft's compliance with the Consent Decree in US v. Microsoft.

Skill Highlights

- 37 years of experience in technology
- 25 years of management experience
- 23 years of executive experience
- Founded 3 startups, one with buyout by public company
- Specializes in UNIX Operating Systems and matters of data and system security and privacy
- Guest speaker at universities, public corporations, and government agencies
- Highly skilled in reverse engineering and source code analysis
- Knowledge and coding experience of most computer languages, including many assembly languages
- Excellent knowledge and experience in legal matters
- Served as Expert Witness in State and Federal cases (both criminal and civil)

Recent Professional Experience

General Manager - Chief Executive

May 2005 to August 2011

Technical Committee – Bellevue, WA, Palo Alto, CA

Ran day-to-day operations (as chief executive) of private, non-profit Corporation ordered to be formed by the United States Courts. This Corporation was tasked with monitoring Microsoft Corp., ensuring their compliance with the Final Judgments in the US v. Microsoft/NY v. Microsoft antitrust case of 1998. Daily interaction with Microsoft executive and senior staff, Microsoft competitors and partners, Attorneys General/Deputies for multiple states, Assistant Attorneys General for the United States, and representatives from other countries. Conducted forensic investigation, enquired at depositions, and directed regulatory enforcement. Approved budget in support of 59 people, directed senior staff, including program managers, engineering managers, office managers. Directed projects in support of the Final Judgment, including engineering projects such as experimental implementation of Microsoft proprietary protocols, large-scale data capture at wire speed, and analysis of protocol documentation. Was responsible for responding to potential complaints from 3rd parties.

Vice President

April 2002 to January 2005

Equifax Corporation – Boca Raton, FL

Head of software development, network relations, privacy and data security, new product development, and data enhancement delivery technology for the Internet Marketing division of Equifax. Responsible for Architecting software products and strategic development. Responsible for long-term planning for strategy and expenditures. Interfaced with key people at vendors, clients, and service providers. Created partnerships and was liaison with companies including AOL, Yahoo, and Microsoft. Headed team that coordinated data enhancement of client databases, and delivered enhanced data to those clients. Implemented processes, quality controls, project planning and client interfaces by technical staff. Chairperson of committee that made decisions on types of marketing accepted, approval for types of clients/messages, and responses to complaints.

President

February 1994 to January 2003

Driver Aces, Inc – Miami, FL

President of corporation specializing in developing device drivers for the UNIX operating system. Performed project design, project management, driver design, driver authoring, driver testing, customer contact, sales, and staff management. Customers included Sun Microsystems, IBM, Digital Equipment, SCO, Lucent Technologies, and others. Drivers were for high-speed networking devices, including fast Ethernet, token-ring, and fiber-optic, SCSI devices, RAID controllers, serial devices, parallel devices, and pseudo-devices.

Senior Vice President, Chief Technology Officer

February 2000 to February 2002

Voice and Wireless Corp – Minneapolis, MN

Responsible for all technology decisions for the public company that acquired Mail Call, Inc. in 2000. Made product decisions, architected product enhancements, and recommended technology direction. Oversaw acquisitions of other technology companies. Participated in due diligence for potential acquisitions, and interfaced with other potential buyers of technology.

Founder, President, Chief Technology Officer

May 1997 to February 2002

Mail Call, Inc. – Pembroke Pines, FL

Founder of corporation providing a service to business consumers, allowing them to retrieve and manage their E-Mail over the phone. Performed project design, project management, data privacy and security, all software programming and testing. Did much of the marketing to consumers, set up relationships with ISP, long distance companies, local phone companies, wireless phone companies, debit card companies, hardware manufacturers. Did all web page development, and database creation/administration. Implemented exit strategy by negotiating buyout by Voice and Wireless Corp.

Consultant - Kernel Programmer

January 1992 to June 1995

Sun Microsystems – Los Angeles, CA

Worked in the Peripherals Engineering group, Multiprocessor group, and Device Driver group. Was responsible for various programming and testing on Solaris 2.1, 2.4, 2.5, and 2.5.1. Wrote kernel and driver code for Solaris x86, Sparc, and PowerPC. Performed bug-fixing, authoring of system software, kernel enhancement, and device driver authoring for high-performance network and serial drivers. Responsible for development of device driver porting kit. Wrote a book entitled Solaris 2.1 Guide to Porting SVR4.0 Device Drivers for x86. Worked with Independent Hardware Vendors on getting device drivers ported to Solaris. Re-wrote existing network drivers to improve network performance and to add multiprocessor/multithreaded functionality.

Principal Member of Technical Staff

September 1991 to December 1992

Encore Computer Corp. – Ft. Lauderdale, FL

Worked on new massively- parallel hardware, developing UMAX V in the kernel development group. Developed device drivers for new memory cards, fixed kernel bugs, worked in a team implementing RPC system, and worked on TCP/IP network code for use on a proprietary network.

Founder, President

March 1990 to June 1991

Secure Online Systems, Inc. – Los Angeles, CA

President and founder of a software company that developed and marketed system management software for UNIX, specializing in data security. Designed packages, then managed development project. Investigated strategic relationships in order to create channels of distribution. Managed office staff including programming and marketing. Designed and oversaw creation of product brochures. Wrote new device drivers, kernel modifications, applications in X-windows including Motif, TCP/IP applications, database applications, and screen management routines.

Consultant - Development Manager and Kernel Programmer

September 1988 to February 1990

IBM Corp. – Los Angeles, CA

Worked on AIX/370 and AIX PS/2. Was site lead architect and made many design decisions affecting the end product. Worked on kernel, commands, customer support, and applications. Supervised 15 programmers and testers who reported directly to me. Implemented new device drivers, fixed many bugs, made changes to TCP/IP layer, hired new employees, made OS POSIX compliant, and taught several classes. Also worked on internals of TCF (transparent computing facility) on site at Locus Computing Corporation.

Consultant - Kernel Programmer

May 1987 to September 1988

AT&T Bell Laboratories – Summit, NJ

Worked on the UNIX project, developing UNIX System V release 4.0, in kernel development group. Developed new "filesystem-independent boot" feature and a new filesystem type; fixed performance, security, and fault types of bugs in UNIX kernel; wrote a new hard disk device driver; oversaw software development contracted out to remote sites; acted as a mentor to new employees; was part of the design and architecture teams dealing with firmware and machine diagnostics; and interacted directly with Sun Microsystems on joint software development.

Education

- Syracuse University: Master of Science, Computer Science
- Is/was on staff and/or boards at M.I.T., N.Y.U., Syracuse University, and Nova Southeastern University
- Currently: Adjunct Professor – Nova Southeastern University

Personal Information

- Instrument rated pilot for 25 years; donates pilot time and aircraft to Angel Flight
- Arbitrator for the state of Florida/Better Business Bureau since 2001
- Wrote freeware text adventure game that ships with all modern versions of the UNIX Operating System, including Mac OS

Patents

Schnell, Ronald S., Rutledge, Gary E., Zietz, Samuel. 2013. AN I/O DEVICE CONFIGURED TO TRANSMIT ENCRYPTED INFORMATION AS A SEQUENCE OF WEB FORM ENTERABLE CHARACTERS WHILE MAINTAINING ENCRYPTION. U.S. Patent Application 13/975,555, filed August 2013. Patent Pending

Schnell, Ronald S., Rutledge, Gary E., Zietz, Samuel. 2013. A NETWORK DEVICE CONFIGURED TO TRANSMIT ENCRYPTED INFORMATION AS A SEQUENCE OF WEB FORM ENTERABLE CHARACTERS WHILE MAINTAINING ENCRYPTION. U.S. Patent Application 13/975,564, filed August 2013. Patent Pending