

David W. Drell

November 2009 to Present, Staff Engineer, Shoretel

Responsible for architecting and developing embedded telephony software and acoustic products.

January 2008 to November 2009, Owner, First Evidence Ltd.

As an independent software consultant, developed

- License Plate Reading algorithms (OCR) and applications
- Highly specialized surveillance Digital Video Recorder software, including remote video streaming and monitoring over IP
- Products developed in Microsoft C#/.Net technologies and an embeddable C algorithms library

March 2004 to January 2008, CoVi Technologies

Vice President of Engineering for CoVi Technologies. Led the development of cutting edge, IP based, HDTV cameras, HDTV storage devices, and other video processing software products. Managed a group of 25 employees ranging from PC software developers, to ASIC engineers, firmware engineers, and QA.

Polycom, 1997 - 2004

Voice Division (2001 – 2004)

- Vice President Engineering, Led the development of a line of VoIP desk phones and VoIP Conference phones with MGCP, SIP, H.323, Cisco Skinny, and Avaya VoIP protocols. Managed 60 employees across three countries.

Video Division (1997-2001)

- Director of Engineering for Conference-Room-video products. Led the development of the ViewStation group video conferencing product. Managed 30 employees.

Compaq Computers, July 1996 – July 1997
Houston, Texas

Director, Router Group, Networking Products Division: Developed product definitions for ISDN and Remote Access products.

- Market research & focus groups
- Business case development
- Technology partner management
- Development group management

Mitre Corporation, May 1992 – July 1996
Reston, Virginia

Project Leader: MITRE is a federally funded research and development center for the U.S. military. Led a rapid prototyping (6-12 months development projects) team for advanced technology demonstrations supporting military communications systems. Architected and led the development of an ATM based communications backbone for military C4I platforms. Also invented, architected and led the development of a submarine radio room automation system now in production for Los Angeles Class attack submarines.

United Technologies/USBI, 1987 – 1992
Slidell, Louisiana

Electronics Engineer (Hardware Design) - member of an automatic test equipment design team on NASA's Space Shuttle Program. Designed hardware and software.

Patents

23 Applications filed, 12 awarded to date.

Education

- Master of Science in Telecommunications (Dept of Electrical Engineering), 1995, George Washington University, Washington D.C.
- BS Electrical Engineering, 1987, University of New Orleans. Concentration: Analog circuit design and control theory.
- Management II (Organizational Structures) Short Course, Michigan State Business School, November 2001.