

DAVID C. WICKSTROM
22 Goodband Road
Freeville, NY 13068
phone: (607) 844-5200
e-mail: dave@dwickstrom.com
web: <http://www.dwickstrom.com>

Summary: Executive-level experience in business and academic environments: staff development and supervision, budgeting, forecasting, presentation, team building. Customer contact, customer service. Master's degree; liaison with diverse groups; teaching. Advanced computer technologies; presentation technologies; telecommunications; multi-media authoring; WAN, LAN, networks; system administration. Internationally recognized expert in media.

ACHIEVEMENTS

Management

- Distilled the results of marketing and engineering studies to present plan of action to corporate management
- Specified and supervised build out of all communications and data cabling for multiple business locations from carrier to desktop.
- Contract negotiations with suppliers resulting in significant (up to 65%) cost reductions.
- Design, specify and supervise construction of specialized technical spaces, including electrical, data, telecom and HVAC.
- Participation in interviewing teams for senior staff.
- Authored business plan, financials and marketing plan for Media Machines International L.L.C.
- Consultant to top level management.
- Researched, designed, purchased and implemented company wide video conferencing system for three locations. Major success in enhanced communications and cost savings.
- Researched and managed implementation of company wide telephone system that enhances customer and staff intercommunication as well as saving costs by the use of trunks between the three locations
- Implemented system for costing and reporting internal services.
- Researched and implemented call center for improved customer contact.

Some relevant skills

- Product presentation
- Successfully negotiating partnering agreements
- Executive-level engineering and system design
- Technician and end-user training
- Writing technical guides
- Liaison between engineering and sales/marketing
- Team leader and/or team player as the project demands
- P & L Responsibility
- Sales; cold call through close
- Customer service orientation
- Writing grant proposals
- Budget and finance
- Teaching / presenting/ mentoring
- Quick study of complex technical systems and software organizations
- Multimedia engineering
- Photography, video, film and sound

Computing - Software

- Word Processing
- Database, Spreadsheet, Graphics
- WebDesign
- Multimedia authoring
- Word Processing
- Scientific analysis
- System administration
- Communications

Computing - Environments

- PC
- Macintosh
- Linux
- Legacy mini and mainframe

Technologies

- PRI
- T-1
- ISDN
- TCP-IP
- Voice over IP
- Nortel Telephone Switches
- Professional audio
- Professional video
- Electrician's License

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ACHIEVEMENTS – Continued

Management (continued)

- Supervised the design, configuration, construction and operation of a demonstration for the 1993 National Association of Broadcasters convention. Successfully offered a functional prototype of a large-scale integrated client/server-based media system, including video, audio and multimedia servers, archive management, business auditing, video editing and a multimedia database.
- Researched and authored a proposal for the design of a next-generation, data-recording system for a major media manufacturer.
- Proven track record of finishing complex technological projects: working, on time and within budget.

Computing

- Supervised system engineering of a prototype of a digitally distributed multimedia system for the purposes of linking the media archives of the Library of Congress, the New York Public Libraries and the universities at Syracuse, Stanford, Kansas and Yale. Utilized multiple vendor platforms and software. Featured at DEC World 1992, Innovation Showcase. Showed an expanded version at the 1993 National Association of Broadcasters convention.
- Responsibilities for a Fortune 25 computing company included: contributing to the corporate strategic plan for large-scale multimedia, serving as media industry expert, evaluation of the technical viability of new computer-based solutions to meet media industry needs, application design for the media industry, consulting, and marketing.
- Completely reworked glossary database, produced QuickTime videos for CD-ROM textbook, wrote portions of, edited and structured on-line help.

Media

- Internationally recognized expert in transfer, restoration and management techniques and practices for media archives.
- Engineered and/or produced more than 15 nationally distributed records /CD's.

Representative Sampling of:

Publications

- "Recorded Sound Preservation in the Digital Age." *ARSC Journal*, Vol. 30, no.1, Spring 1999
- "The Well-Connected Microphone: Microphones and Input Circuits." *Bioacoustics, The International Journal of Animal Sound and its Recordings*, Vol. 3, 1991
- "Factors to Consider in Recording Avian Sounds." *In Acoustic Communication in Birds*, vol. 1, edited by: D. Kroodsma and E. Miller, Academic Press, 1982

Presentations

- "A Demonstration of a Globally Distributable Multimedia Information System," BBC Television Center, London, 1992
- "Audio Preservation Transfer Technology for the Sound Archivist," Peabody Conservatory of Music, Baltimore MD. June 1991.

Recordings

- Dream Songs and Healing Sounds. In the Rainforests of Malaysia., Smithsonian - Folkways
- Birds of Cuba, George B. Reynard. McGraw-Hill
- Guide to Bird Songs, National Geographic Society
- A Field Guide to Bird Songs of Eastern and Central North America, Houghton Mifflin Co.
- Safe Sweet Home, John Miller. Rounder Records

Sound Reinforcement Clients

- Aerosmith
- Miles Davis
- Ella Fitzgerald
- Fleetwood Mac
- Daniel P. Moynihan

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ACHIEVEMENTS - Continued

Media (continued)

- Founded, supervised the construction and managed a successful recording studio and audio system service, providing multi-track recording and professional sound reinforcement.
- Wrote and implemented protocols for all technical activities within audio archives at Belfer Audio Laboratory and Archive, Syracuse University and the Library of Natural Sounds, Laboratory of Ornithology, Cornell University.

EXPERIENCE

Director of Special Projects, eCornell, Ithaca, NY 00-04

Consultant, Electroacoustics 1978-present

Programmer, Multimedia Courseware Studio, Cornell University, Ithaca, NY 1997-1998

Director of Engineering, Media Machines International L.L.C., Syracuse, NY 1994-1998

Member of the Technical Staff, Digital Equipment Corp., Acton, MA 1992-1994

Senior Audio Engineer, Belfer Audio Laboratory and Archive, Thomas Alva Edison Re-recording Laboratory, Syracuse University, Syracuse, NY 1990-1992

Supervising Engineer, Library of Natural Sounds, Laboratory of Ornithology Cornell University, Ithaca, NY 1980-1988

Lecturer, Advanced audio and media production, School of Communications, Ithaca College, Ithaca, NY 1984-1985

President, Celebration Sound, Inc., Ithaca, NY 1972-1978

PROFESSIONAL AFFILIATIONS

Audio Engineering Society (AES)

Society of Motion Picture and Television Engineers (SMPTE)

American National Standards Institute (ANSI)

EDUCATION

M. S., Television, Radio & Film (GPA-3.9) S.I. Newhouse School of Communications, Syracuse University, Syracuse, NY

B. S., Communication Arts, Ithaca College, Ithaca, NY

Representative Sampling of:

Consulting Clients

- ABC Television
- Coconut Grove Playhouse
- The Wiz, Touring Company

Professional Service

- Chair of the Audio Engineering Society Standards Committee SC-03-02 Working Group on Transfer Technologies, of the SC-03 Subcommittee on Preservation and Restoration of Audio recordings (1992-2003)
- Chair of Subcommittee for transfer standards, Joint Technical Commission for Magnetic and Optical Media and Systems, *American National Standards Institute (ANSI -IT9-5)* (1992-2001)
- Editorial Advisor, Association for Recorded Sound Collections
- Reviewer, National Archives, National •Historical Publications and Records Commission
- Contributing photographer, NASA Voyager

References available by request.

A full list of publications, productions and presentations is available by request.

This resume and a full list of publications and presentations is available and downloadable at www.dwickstrom.com