

Resume of Professional Qualifications

Timothy B. Anderson

Broadcast Systems Engineer

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Professional Experience

July 2007–Dec 2016 – Harris Corporation, Broadcast Communications Division / Harris Broadcast and GatesAir

Radio Product Line Manager 2007-2009

Manager, Strategic Radio Market and Product Development 2009-Dec. 2016

- Define and oversee the development all new digital radio transmission products including the new Flexiva™ line of digital FM/HD Radio transmitters.
- Provide high-level expertise in HD Radio, DRM, DAB, Single Frequency Networking and other digital radio system development and support both internally for customer support,
- Provide business analysis of global radio markets and developed business strategy
- Supported international sales team with customer meetings, demonstrations, training, technical papers and presentations in the US, Asia, South America, Europe, Middle East and Africa

2005- July 2007 – iBiquity Digital, Columbia, MD

Broadcast Systems Engineer, Commercial Applications Group

- Participated in the development and testing of HD Radio™ Advanced Application Services.
- Assisted broadcasters in early implementation of HD Radio systems
- Assisted Broadcast Equipment manufacturers with development of early HD Radio products.
- Tested and documented various aspects of the HD Radio™ Transmission system.
- Developed data networking best-practices for HD Radio systems
- Wrote several papers on HD Radio Networking for Advanced Applications

1998-2005 - MAC Productions, Inc. Covington, KY

Engineering Manager

- Resident Avid Media Composer Editor / Engineer
- Built and maintained the company's digital media, and business networking systems.
- Designed and built custom software and electronic systems to support client needs.
- Evaluated emerging technologies for our needs and the needs of clients.
- Setup and operated on-location sound, lighting, computers and video for multimedia shows.
- Developed and managed a network of multimedia, interactive computer kiosks for messaging and information throughout the Cincinnati/ Northern Kentucky area.

1994-1998 - Avid Technology, Los Angeles, CA

West Coast Chief Engineer / Senior Broadcast Sales Engineer

- Supported sales of \$22 million in broadcast digital editing system sales in 8 western states.
- Assisted in the early development of professional broadcast video play out and editing systems.
- Designed and installed digital editing and playback systems in many broadcast facilities nationwide.
- Performed on-site maintenance of all products for installed, nationwide client base.
- Trained operators on-site for installed products and systems nationwide.

1991-1994 - KCAL Television, Walt Disney, Los Angeles, CA

Construction Engineering Supervisor (IBEW)

- Project manager for move to new news, production, playback, editing and master control facilities.
- Assisted in capital budgeting process.
- Specified, evaluated and procured equipment, systems and materials.
- Performed in all live and live-to-tape operations positions.
- Maintained the studio and transmitter facilities
- Supervised large construction and maintenance staffs.

Professional Experience Continued

1990-1991 – ICB Audio, Cincinnati, OH

Manager of Service, Repair and Installations Department

- Home and Professional A/V design, planning and installations
- Professional Recording Studio Field Service

1986-1990 WQUE AM & FM, Clear Channel Communications, New Orleans, LA

Market Chief Engineer

- Designed, built and maintained studios, transmitter and remote facilities.
- Supervised two assistants
- Moved directional AM transmitter facilities.
- Designed and built new studio and transmitter facilities.

1982-1986 NBC Radio & Television WRC, Washington, DC

Engineering Construction and Maintenance Supervisor (NABET Group 6)

- Assistant Chief Engineer WRC AM
- Project manager for move to new news, production and on-air facilities.
- Maintained studio and transmitter facilities for AM, FM & Television
- Supervised construction and maintenance staffs.
- Awarded Broadcast Engineering's 1984 Major Market Radio Station of the year for the new facilities.

1981-1982 Mutual Radio Network – Washington, DC

Network Maintenance Engineer (IBEW)

- Operated and Maintained Network Operations Center, studios and automation systems
- Setup and ran satellite receiver repair depot
- Field and studio operations for Larry King Show and others.

1976 – 1981 E-Z Communications, Richmond, VA / New Orleans, LA

Market Chief Engineer

- Chief Engineer WEZS Richmond 1976-1979
- Chief Engineer WEZB New Orleans 1979-1981
- Was responsible for design, construction and maintenance of studios, transmission and remote facilities
- Built new offices and studios for both stations.
- Built new transmitter facility for Richmond station.
- Provided project assistance to other E-Z facilities in Fairfax, VA, Charlotte NC, Pittsburg, PA

Licenses and Certifications

- FCC 1st Class Radio Telephone Operator License
- General Radio Telephone Operator License
- SBE Certified, Professional Broadcast Engineer (CBPE)
- SBE Certified, Broadcast Network Engineer (CBNE)
- SBE Certified, Digital Radio Broadcast (DRB)
- Amateur Radio, Extra Class License – AG4XM
- Commercial, Multi-Engine, Instrument Rated Airplane Pilot

Professional Societies

- Society of Broadcast Engineers – 3 Term National Board of Directors - 2009-2017
- Audio Engineering Society

Special Achievements

- Numerous published articles & presentations pertaining to digital radio broadcasting including contributions to the 10th addition NAB Engineering Handbook, HD Radio™ Networking Requirements and NAB BEC presentations in 2008, 2009, 2010, 2011 and 2012
- Harris Corporation “Golden Quill Award” for Outstanding Technical Writing 2008, 2009, 2011, 2012
- SBE Best Magazine Article Award 2011

Other Interests

- Amateur Radio Emergency Communications Coordinator, Northern Kentucky
- Major in the US Air force Auxiliary, Civil Air Patrol – Kentucky Wing Communications Director, Former Northern Kentucky Squadron Commander

References

- Richard Redmond, Vice President / Chief Product Officer
GatesAir - Mason OH
Tel: (513) 459-3758, Email: Rich.Redmond@GatesAir.com
- Geoffrey N. Mendenhall, P.E – Retired Vice President – Transmission Research and Technology
Harris Broadcast Communications, Mason, OH
Tel: (419) 341-5699, Email: Geoff@MendenhallEngineering.com
- Jeff R. Detweiler - Director, Broadcast Business Development
Experi (DTS/HD Radio, iBiquity Digital Corp.), Columbia, MD
Tel: (443) 539-4334, Email: Jeff.Detweiler@Experi.com