

Mark D. Anthony

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Summary

An accomplished problem solver with extensive experience in wired and wireless electronics such as radio, television, cellular and trunking. This includes field implementation, data gathering and analysis. Performed lab analysis of transmitters, receivers and associated equipment.. Managed the implementation and commissioning of large networked and non-networked wireless communications systems using local and contracted engineers and technicians.

Work experience

December 2009 to Present Hitachi/Linear
Broadcast Engineer, Transmitters

Performed system testing of TV transmitters, up to and including 5,000 watts. Acted as maintenance of the line engineer, solving basic and advanced faults to existing product and implementing design changes as necessary. Utilized lab equipment such as network analyzers and spectrum analyzers to determine operating envelopes of equipment, low pass filters and FCC mask filters and made adjustments as necessary. Managed technical staff and warehouse personnel to ensure smooth production of product.

April 2008 to December 2009 Self Employed
Broadcast Engineer

Performed emergency repairs to studio and transmitter equipment for small to medium AM/FM commercial broadcast stations in Illinois and Wisconsin. Worked in the electronics system lab and factory for a medium sized TV transmitter company in Elgin, Illinois.

January 2007 to April 2008 Sprint Nextel
RF Engineer

Analyzed day-to-day site performance issues and system quality in the Northern Illinois and southern Wisconsin markets. Tracked and analyzed ongoing 4G antenna system implementation, 900 MHz radio augmentation and 800/900 MHz interference mitigation.

August 2006 to January 2007 Kelly Services
RF Engineer, sub-contracted to Sprint Nextel

Analyzed day-to-day site performance issues and system quality in the Chicago market and oversaw and directed field engineers to resolution of cell site faults. Monitored results of implementation of OMC and EBTS parameter changes and recommended alternative modifications. Directed field engineers in drive testing sites for coverage issues, based on trouble ticket information. Analyzed traffic to find trends to further support ongoing system improvements.

January 2006 to August 2006 Self Employed
Broadcast Engineer

Planned and implemented general modifications and upgrades to studio and transmitter equipment for small to medium AM/FM commercial broadcast stations.

November 2004 to January 2006 NextMedia Operating, Inc.
Chief Engineer

Directed the engineering management, planning and maintenance of a seven-station broadcast radio cluster in the Chicago suburban area. Planned and maintained automation equipment and an in-house wired and wireless LAN covering Northern Illinois and Southern Wisconsin.

August 2002 to November 2004 Self Employed
Broadcast Engineer

Planned and implemented general modifications and upgrades to studio and transmitter equipment for small to medium AM/FM commercial broadcast stations.

May 1995 to August 2002 Motorola, Inc.
Engineering Project Manager

Managed the implementation of Cellular, Trunking, conventional and iDEN digital technology wireless systems in Asia, South America and the Middle East.

October 1981 to May 1995 Motorola, Inc.
Engineering Group Leader

Performed implementation of large communications systems in Asia, the Americas and the Middle East. These included Hong Kong Police, Malaysia Police, Hong Kong Fire, Pemex Smart Zone, Venezuela CIA, Kuwait MOC and Kuwait Oil Company, Bermuda Police and Jamaica Constabulary Force.

February 1969 to February 1980 United States Navy
Electronics/Radio Technician

Operated and maintained underwater electronic systems on submarines during the 'cold war'. Certified as an Occupational Radiation Worker.

Education

University of South Carolina

Computer Science Major

- Attended classes under the US Navy P.A.C.E. program

**Attended numerous equipment and theory courses
while at Motorola and Sprint**

US Navy Electronics A and C schools

High School Diploma

