

Anthony L. Lang

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Electronics Test Engineer - Consumer, Commercial, Military/Aerospace

Areas of Expertise

Design

- Non-Contact Communication System for Train Coupler installation
- Coupler Test Fixture for field use
 - Designed, Assembled and tested, ready to ship in 3 weeks
- CAD capture, layout and test of PC based Electrochemical test system and 8 channel MUX
- GE Transtar Engine Controller, Power Monitor for CPU Shutdown
- Test Fixtures for Semi-Automated test of personality modules for PGAs (Saved weeks of labor)
- Automated controller for environmental test of Command and Command Destruct Receivers
 - Simple device saved thousands of dollars and man-hours on each test run

Supervisory

- Trained Vendor Staff on production requirements
 - Performed on-site failure analysis and remediation
- Plant Manager -- established facility, credit lines, hiring and training of staff for small Alarm Company
 - Oversaw nationwide service force for installation and repair of alarm systems
- Test Engineer/Product Line Manager Bus Monitor Modules for "Fly by Wire"
- Test Engineer for NASA/V-22 Osprey/MBB ATF Data Acquisition Systems
 - Design/Production/Flight Qualification/Acceptance Testing
 - Failure Analysis and Tiger Team Participation

Documentation

- Complete user manuals for Reverse Osmosis System Installation/Operation
 - Technical details of all functions and components
 - CAD and Photographic illustrations
- Test Procedures for Qualification and Acceptance testing of Manned Spaceflight electronics
- User/Programming manuals for Data Acquisition Systems
- User manuals for controlled environment equipment
- Assembly/Test/Operation procedures for test equipment or sub-assemblies
 - Developed and documented rework procedures to correct design issues
- Prepared technical proposals and RFP responses for client companies
- Accomplished Photographer and familiar with most common Computer Software Suites

ACCREDITATIONS/CERTIFICATES

Certified Electronics Technician

FCC General Radiotelephone License

EMPLOYMENT HISTORY

Senior Engineering Lab Tech, GeoFocus/KinkiSharyo*, LLC, Boca Raton, FL 7/2004-1/2009

Signatory to 6 of 13 patents submitted between 2004 and 2008

Technical Writer, ITT/Water Equipment Technologies (Waterlink) West Palm Beach – 5/2000-12/2003

Instructor, Palm Beach Schools/Private students: Computers and Software – 1998-2000

G-2 Resources/GIPR, Inc., North Palm Beach, FL – 1997-1998

UPS, Bohemia, NY. – 1996-1997

Symbol Technologies, Bohemia, NY – 1996

Aerospace Avionics, Bohemia, NY – 1995

AMTRAK, Radio Engineering Department, Philadelphia, PA – 1990-1995

Aydin Vector Division, Newtown, PA – 1984-1989

Lakeview Electronics, Cincinnati, OH – 1983-1984

Cincinnati Electronics, Cincinnati, OH – 1981-1983

*KinkiSharyo acquired the assets and staff of GeoFocus on July 24, 2008