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OBJECTIVE

I am seeking a challenging position. With my experience, knowledge and skills, I feel I will be a valuable asset to your organization.

EMPLOYMENT

MAY 2019 – JUL 2019
Electronic Technician
Cintron Medical
Westminster, CO
Rob 720-473-8505

Responsibilities include the assembly of electronic devices including various types of medical equipment both Research and Development, and production.
Experience with various lab equipment, testing procedures and hand tools
SMT soldering and de-soldering including microscope work
Responsible for coordinating with coworkers and Quality Assurance to meet deadlines
Experience with SMT equipment Understanding of electronics

NOV 2018 – APR 2019
Quality Assurance Technician
Tracer Inc., Golden, CO
Michael Salazar 303-960-0965

Inspect all incoming Printed Circuit Board Assembly's (PCBA)
Inspect all receiving processes and assure they are in Compliance
Inspect the program, setup, and run of jobs of the Surface Mount Technology (SMT) placement machine
Inspect the setup, and run of jobs of the wave solder machine
Inspect all SMT, through hole and connector soldering to produces a product in compliance with IPC-A-610 specifications.
Experience with SMT soldering performing minor touch-up's
Program and test PCBA
Assure all completed work is documented and proceed to shipping
Understanding of electronics manufacturing processes

APR 2018 – NOV 2018
Associate
Salvation Army
Boulder, CO
Cheryl 303-939-8502

Various responsibilities including receiving donations and processing donation
Arrange and display donation
Responsible for the operation and cleanliness of store

OCT 2017 – APR 2018
Electronic Technician
LGS
Westminster, CO
Scott Mason 303-237-0530

Responsibilities include the assembly of various electronic devices including, communication devices, antenna's, etc.
Experienced with various hand tools as well as soldering with a microscope
Responsible in coordinating with coworkers and Quality Assurance to meet deadlines

APR 2008 – AUG 2016
Electronic Technician
Federal Employee
Clearance Level – Top Secret
Facilities Engineering Division
Aerospace Data Facility
Buckley AFB, Aurora, CO
Ron Carawan (303) 677-4429

Performed duties of an Electronic Engineering Technician's nature, relating to equipment in support of the Aerospace Data Facility. Serve as a troubleshooter of problems associated with repair, preventive maintenance, test procedures development, and installation and programming (using PLC's) of the automated systems in the Chiller plant and Power Plant. Using programs such as Machine Addition and Prophecy Addition. Accomplishing day to day testing and diagnostic's of total systems. Also responsible for the troubleshooting of problems associated with repair, preventive maintenance, test procedures of the Hazardous Gas Monitoring System. Also served as a troubleshooter of problems associated with repair, preventive maintenance, test procedures development, and installation of utility and electrical systems in support of the Energy Management and Control Systems (EMCS), Fire Detection and Alarm System, Experienced with Fireworks Software related to Fire Alarm Systems. Experience in installation of Heat, Smoke and Leak detection Systems. Experienced in installing, Trouble Shooting, operations and maintenance of Fire Control Panels. Un-interruptible Power System (UPS) including batteries, and Electronic Power Monitoring and Protective Relay Systems. Operate and analyze the system to diagnose and isolate discrepancies which cannot be located and eliminated using existing technical documentation and established procedures. Responsible for the fabrication of wire harnesses, circuit boards, electrical boxes and various electronic devices. Extensive experience with wiring, including Equipment, Computer Racks, Wire Harnesses and Electrical Boxes. Experienced in paying close attention to detail. NASA Certified in soldering and extensive experience with epoxy bonding. Experience with Micro soldering including the use of tweezers and microscope soldering on circuit boards.

JUN 2002 – APR 2008
Avionic/Electronic Tech II
Clearance Level – Secret
Aviation Systems Inc
Sheppard AFB Wichita Falls, TX
Jim Mansfield (940) 676-2476

Experienced in performing scheduled inspections, maintenance, in-depth troubleshooting, fault isolation, malfunction analysis and repairs on integrated and nonintegrated Avionics systems or line replaceable units. Whether installed on training aircraft, system trainers, test equipment or support equipment used to support these aircrafts. Experienced in applying technical knowledge to solve complex problems on Aircraft Avionics systems, components and computerized test equipment by interpreting technical data or manufacturers manuals. Experienced with the interrelationship of Aircraft Avionics systems, components, computerized and manual test stations to analyze and repair circuit malfunctions. Advanced knowledge in working with/on Special Test Equipment (STE's).

MAY 2000 - JAN 2001
Sen. Electronic Technician
Clearance Level – Secret
Analytical Services & Material
NASA - Edwards AFB, CA 93523

Independently review Flight Loads Lab (FLL) electrical systems and analyze impact of laboratory modifications or additions. Responsible for the build-up, monitoring, maintenance, operation, troubleshooting, repairs and documentation of the Data Acquisition and Control System (DACS III). Provide test set-up/build-up support, including (but not limited to), cable build-up, DACS III, circuit card build-up, systems operation, scenario build-up, troubleshooting to component level and documentation. Responsible for the build-up, maintenance, operation, and monitoring of mechanical test structures, hydraulic systems, cryogenic rechargers, and gaseous nitrogen and helium systems.

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JUL 1999 - APR 2000
Sen. Electronic Technician
Clearance Level – Secret
Sparta Incorporated
NASA - Edwards AFB, CA 93523

Independently diagnose, troubleshoot and repair functional electronic systems, sub-systems and integrated components and equipment related to various Flight Simulators to the component level. Including F-15, F-16, F-18, C-130 and the B-52H Aircrafts. Broad cognizance of entire equipment and circuitry. Ability to troubleshoot malfunctions and the ability to develop modifications to equipment to achieve the objective desired. Participate in the planning and development of modifications to equipment. Develop and design circuit diagrams and layouts for modification

requirements for changes and/or additions to the parameters to be monitored. Able work from schematics, logic and flowchart diagrams. Skill and knowledge to install, operate, calibrate and maintain equipment, and their related components. Able to use circuit analyzers, oscilloscope, signal generators, frequency meters, power supply regulators, cathode ray test and other test and diagnostic devices. Experience as a lead technician providing training and work direction to more than one lower level technicians.

JUN 1997 MAY 1999
Aircraft Mech. / Technician
Clearance Level – Secret
The Boeing Company
Edwards AFB, CA 93523

While employed with The Boeing Company, acquired extensive experience in avionics, instrumentation and telemetry of the B1-B and B-52 aircrafts and provided sub-professional engineering technical services; including independent operations, designs, modification, test, interface, evaluation, simulation, diagnosis, and troubleshooting of all offensive avionics systems, and various types of instrumentation. Extensive experience in functional testing, serviceability / maintainability of installed systems and sub-systems. Documented operation and performance of airborne test offensive avionics, instrumentation and ground support systems. Loaded software for various Core Modes for test and flight. Knowledge of offensive avionics and instrumentation design / integration precepts included in ground test hardware. Prepared airborne offensive avionics and instrumentation systems to collect flight test data by loading data tapes (DTUC), jamming time, Real Time, IRIG time, and verifying and downloading data collection and telemetry system integrity. Experience in isolating malfunctions and determining when new assemblies, components and parts of aircraft should be installed, reworked, repaired or adjusted. Accomplish modifications to the system to meet changing program requirements. Additional duties include Organizational Safety Representative and Hazardous Waste Materials Monitor.

MAY 1990 NOV 1992
Engineering Technician R&D
McDonnell Douglas
Santa Ana, CA

Engineering Technician working on the prototype development phase of the IR and visible light Night Hawk Sighting System. Performed setup, support and checkout of Electro-optical sighting systems in a lab environment. Performed electrical cable checkout and repair, breakout box fabrication, small mechanical assembly installation and circuit card installation. Required an understanding of electrical and mechanical drawings, general-purpose electronics and video test equipment, ability to solder and wire wrap, all in support of repairs and modifications.

DEC 1986 NOV 1989
Senior Electronic Technician
Clearance Level – Secret
Computer Sciences Corp.
Edwards AFB, CA 93523

Responsible for technical support of highly complex telemetry, radar, communications, video, telephone, intruder detection, keying encryption, and distribution systems. E.g. Loral, motion & magnetic sensors, security video & audio Duties included the design, layout, modification, repair, maintenance, installation, testing, calibration, and troubleshooting of these state of the art prototype units to the component level. Build and maintain various types of cables and connectors, including Fiber Optics.

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EDUCATION:

ITT Technical Institute
Van Nuys, CA
Electronic Engineering
Technology

DEGREE Associate / Electronic Engineering 1985 GPA 3.5

SPECIALIZED TRAINING

IPC Solder Certified

J-Standard Solder Certified
ISO 9000 Training

Certified Electronic Engineering Technologist
First Aid Certification,
NASA Hand Soldering Certification, CPR Certification
NASA Wire Wrapping Certification, Tower Climbing Certification
Fiber Optic Training, NASA Crimping, Electrical Wiring and Cable Harnessing Certified

LICENCES/CERTIFICATES

ISO 9000 Training Certified Electronic Engineering Technologist
Splicing, First Aid Certification
Static Sensitive Devices
NASA Hand Soldering Certification, CPR Certification,
NASA Wire Wrapping Certification

AWARDS

Employee of the Quarter: 2010, 2013 & 2015 Federal Employee at Buckley AFB, CO
Two "Letter's of Commendations" Sparta Inc. at NASA, Edwards AFB CA
Honor Graduate from ITT Technical Institute