Joshua Tingler

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**OBJECTIVE:** Seeking a rewarding position utilizing my technical experience.

**PROFESSIONAL SUMMARY:**

Highly motivated technical professional with a current secret security clearance. Astute leadership experience with a focus on training, supervising, and counseling team members. Dedicated experience troubleshooting multimillion-dollar radar electronic assemblies using test equipment and electrical schematics/ drawings. IPC J-STD soldering certification (2019). Formal military training with a primary focus on basic electronics knowledge and component level troubleshooting. Experience using test equipment such as Digital Multimeters, Oscilloscopes, Spectrum Analyzers, Power Meters, Hi-pot and Surge test machines.

**EXPERIENCE:**

**Raytheon Technologies, May 2021- Present**

**MIR Field Engineer II**

* Provided Intermediate/Depot level maintenance technical support and advice to the U.S. Army Patriot Air Defense Forces.
* Performed diagnosis and repair of all Patriot Missile System Major End Items (MEI) consisting of the ICC, ECS, RS, CRG, BME, BMC, IFF, AMG, GMT, LRPT and LS.
* Responsible for installing authorized Depot Level equipment Modification Work Orders (MWOs) and Engineering Change Proposals (ECPs).
* Verified that each MEI performs to specified standards and performs System Integration and Checkout (SICO) of modified equipment.
* Specialized in the fault isolation and repair of complex electronic and mechanical systems

**Humboldt Scientific January 2021- May 2021**

**Electro-mechanical Technician**

* Responsible for performing test and inspection of electro-mechanical, mechanical, and electronic devices.
* Soldered components on complex circuit boards.
* Programing PCBs on several different types of devices.
* Utilized SAP for supply operations.
* Assist engineering with development of new products.
* Technical support over the phone with customers, working to troubleshoot issues or assist the customer with setup or operation of equipment

**Raytheon Technologies, December 2019- December 2020**

**MIR Sr. Field Engineer I**

* Worked as a Subject matter expert for the United Arab Emirates PATRIOT Refurbishment Program.
* Specialized in the fault isolation and repair of complex electronic and mechanical systems.
* In-depth experience in maintenance management, work order process, time and personnel management, logistics operations, and quality control.
* Contribute to the creation, simplification, and correction of enhanced deep maintenance and refurbishment procedures, processes and standards.
* Design and build fixtures for testing system components.
* Management of personnel and resources to ensure goals are met on time.
* Accurate and detailed documentation of all maintenance and modifications.
* Supervise, train, and direct a diverse team of technicians and mechanics.
* Improved workplace safety awareness.
* Ensured customer (UAE military) was always informed and satisfied with services provided.
* Raytheon six-sigma certified.

**Humboldt Scientific July 2019- November 2019**

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**Firstmark Aerospace, October 2018- July 2019**

**Electronics Test Technician**

* Responsible for performing test and inspection of electro-mechanical, mechanical, and electronic units.
* Perform tests by setting up and utilizing test equipment such as oscilloscopes, signal analyzers, frequency generators, and multi-meters.
* Complete and maintain all required documentation and records accurately.
* Utilize Microsoft Office to develop spreadsheets, graphs, and charts to analyze test data.
* Assist engineering personnel in the troubleshooting, modification, and/or repair of non-conforming units.
* Calibration, in-line inspection, and final inspection of all units/assemblies.

**U.S. Army, December 2014- October 2018**

**THAAD Missile System Electronics Technician June 2017- October 2018: Fort Hood, Texas**

* Logistics and Maintenance Operations Center Non-commissioned officer in charge.
* Ensure a constant fully operational status on a $1 Billion Radar system
* Direct supervisor of 8 team members providing training in technical aspects, mentorship, and professional guidance.
* Extremely high work ethic and adaptability to new environments with minimal supervision.
* Worked as a liaison between system operators and civilian contractors to ensure proper communication and scheduling.
* Install, decommission, and move equipment such as servers, peripherals, fiber optic cabling, and racks.
* Utilized a reporting system to ensure internal documentation of faults and system status.
* Splicing and termination of 1000 meter fiber optic cable reels.
* Perform all required Radar Preventative Maintenance Checks and Services and documents and record all data
* Monitor radar system performance data using maintenance sub-routine of computer software.
* Conducted diagnostics to identify root causes based on website reporting and data entry to evaluate the functionality of the Radar and its components.
* Isolating and localizing source of radar systems malfunctions problems between mission processing equipment and communications media equipment.
* Utilized Microsoft Word, Excel, and PowerPoint to create reports and organize maintenance data.

**PATRIOT Missile System Electronics Technician May 2016- June 2017: Camp Carroll, South Korea**

* Training and supervising of team members in technical and professional aspects.
* Intermediate Level Electronics Technician providing 24 hours on call assistance to customers.
* Use schematics, drawings, blueprints and wiring diagrams and isolate malfunctions using data from integrated diagnostic computer software.
* Assisted in Radar Modifications/Upgrades to include refurbishment, alteration, hardware installation, and system integration.
* Complete and keep an organized and detailed record of maintenance and supply forms and data logs from troubleshooting faults on electrical equipment.
* Responsible for the inventory of all test equipment valued in excess of $500,000
* Responsible for the operational readiness of over 65 major end items valued in excess of $200,000,000.

**Education:**

* 46 credits completed towards Bachelors in Management, University of Maryland Global Campus
* SAP systems equipment parts record clerk course- Certification, 2016
* Cleveland High School- Diploma, 2014
* IPC J-STD Soldering Certification.

**Training:**

**Ordnance School- Patriot Missile Systems Repairer course March 2015- May 2016**

* Basic electronics training.
* Component level electronic troubleshooting using schematics, wiring diagrams, blueprints.
* Remote desktop configuration.
* Fiber optic cable splice and termination.
* Conventional cable repair and termination.
* Troubleshoot faults using binary data conversion.

**Basic combat training December 2014- March 2015**

* Instilled with Discipline and core values including loyalty, duty, respect, honor, integrity, selfless service, and personal courage.
* Importance of organization and attention to detail.