# Jarmaris Chaney

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# Address: 5104 Stonehaven Drive ∙ Temple, TX 76502

**Summary of Qualifications**

Detail-oriented, dedicated, and highly motivated Electronics Field Technician with 10+ years of experience and an active Secret Security Clearance. Solid analytical, communication, problem solving, and critical thinking skills. Expertise in preventive maintenance on electrical, hydraulic, and armament systems. Currently seeking a position in Telecommunications/Electronics which will effectively utilize all acquired skills, abilities, and areas of expertise as follows:

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| --- | --- | --- |
| * Telecommunications & Electronics Systems * Testing/Troubleshooting * Mechanical Maintenance Certified/Repair | * Equipment Installation * Record/File Maintenance * Component Removal   & Replacement | * Software Configuration * Staff Training/Supervision * Quality Assurance (QA) * Customer Service |

**Experience**

**Firefly Aeropsace·**Bertram, Texas January 2019- July2021

***Senior Avionics Integration Technician***

* Trains less experienced team members to perform harness production, troubleshooting and checkouts of instrumentation, and understanding of avionics components
* Develops processes and procedures in order to standardize electrical practices for the integration of avionics
* Performs selection and procurement of flight instrumentation and necessary interfaces for flight implementation
* Provide feedback to engineering on design improvements and troubleshooting results
* Perform cable terminations, routing, securing, installation, and/or testing of flight harnessing and hardware
* Assist in the build, operation, and maintenance of electronic devices and instrumentation systems for both developmental and flight requirements
* Calibrate, test, troubleshoot, and repair flight instrumentation, data acquisition systems, and electrical systems
* Perform test to identify defects in electronic assemblies using digital multi-meters, signal generators, semiconductor testers, spectrum analyzers, and related test equipment
* Diagnose, repair, and document instrumentation and system malfunctions
* Read and interpret planning documents, process controls, schematics, wiring diagrams, specifications, drawings, manuals, blueprints, and engineering sketches

**SpaceX ·** McGregor,Texas November 2016–January 2019

***Lead Electronics Technician***

* Leads two team of technicians for both stage testing and launch site processing in order to maintain, calibrate, configure, monitor, test, troubleshoot, install, and repair instrumentation, process controls, data acquisition systems, and electrical systems
* Leads and directs complex technical assignments involving instrumentation and data acquisition/processing systems

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**Experience - Continued**

* Provides training on all electronic and mechanical test equipment necessary to perform test, repair, and troubleshooting
* Works with Test Engineers to perform Leak Checks, run Vehicle Integrity Tests and identify common errors, determine valid/invalid instrumentation warnings, annotate/reading/plotting complex data, deploy surface/ vehicle loads among many other intermediate level task on advanced rocket systems
* Analyzes results of calibrations and processed data and assist in the interpretation of test data
* Establishes training plans to enhance team skills and complete required task in accordance with approved documentation
* Complete necessary instrumentation of test stands, wiring, and data acquisition systems
* Lay out, build, test, troubleshoot, repair, and modify developmental and production electrical and electronic units, assemblies, components, parts, equipment, and systems
* Connects and verifies pressure transducers, thermocouples, and other sensors

**SpaceX ·** McGregor,Texas April 2014–October 2016 ***Instrumentation Technician***

* Completes essential instrumentation of test stands, wiring, and data acquisition systems for testing of advanced rocket systems
* Maintains, calibrates, configures, monitors, tests, troubleshoots, installs, and repairs instrumentation, process controls, data acquisition systems, and electrical systems, investigates, diagnose, correct and document instrumentation or system malfunctions
* Analyzes results of calibrations and processed data and assist in the interpretation of test data
* Connect and verify pressure transducers, thermocouples and other sensors
* Performs continuity checks, locate and correct wiring errors using measuring instruments such as ohmmeters and sequential continuity checkers
* Adjusts, calibrates, aligns, and modifies circuitry and components and records effects on unit performance
* Reads and interprets planning documents, schematics, wiring diagrams, specifications, drawings, manuals, blueprints and engineering sketches
* Performs lay out and wiring of electrical panels
* Collaborates with test engineers to troubleshoot failures and issues derived from test data
* Coordinated resources for projects and essential job functions
* Consistently led team to on-time testing deadlines with accuracy in data
* Communicated statuses, risks, and issues to the team and Senior management
* Created a structured review/debrief process that identified and improved failed processes

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**Experience - Continued**

**L3 Communications ·** Waco, Texas Aug. 2012 –Sept.2013

***Electronic Technician***

* Performs various complex electronic assembly operations on cables, racks, cabinets or sub- assemblies
* Performs a wide variety of tasks in support of the manufacturing of electronic, electrical and mechanical assemblies, chassis and printed wired boards such as cable termination, soldering, crimping, and routing
* Interprets drawings and wiring diagrams.
* References manufacturers’ manuals and incorporates engineering changes in accordance with various aircraft modification programs
* Performs electronic tasks by using hand tools such as screwdrivers, wrenches, sockets, and magnification aids with proficiency

**Computer Sciences Corporation ·** Kabul, Afghanistan Aug. 2008 – July 2012

***Lead Electronic Field Technician***

* Accountable for installing and removing power/signal (copper/fiber) and RF cabling, equipment, equipment racks, lockers, mounting hardware, connection boxes, switches, indicator lights, antenna platforms, antenna mounting rings/adapters, antennas, radomes, foundations, decking, computer decking, support structures, power panels, enclosures, and connection boxes.
* Replaces components/wiring circuits, repairs complex electronic warfare equipment, and takes test readings using digital multi-meters, signal generators, semiconductor testers, curve tracers, spectrum analyzers, and oscilloscopes.
* Installs, maintains, and repairs radio frequency (RF) jammers supporting the Counter Radio Controlled IED Electronic Warfare (CREW) system under Task Force Paladin and CECOM which includes the DUKE V2/V3, MMBJ (Mobile Multi Band Jammer), CVRJ (Crew Vehicle Receiver Jammers), THOR systems, and Symphony Electronic countermeasure systems.
* Performs installations, test, preventive maintenance, troubleshooting, and repair for communications equipment, electronics equipment, large computers, minicomputers, or microprocessors, including buses for those in a networked environment.
* Performs duties as QA/QC, enforcing CREW standards by reviewing and approving operational quality of system equipment and guidelines utilizing in-house, and military quality control forms.
* Instructs coworkers, subordinates, and military technicians to ensure they were capable of demonstrating the ability to distinguish between hardware and software problems in multi-vendor systems.

**US Army ·** Fort Hood, TX Jul. 2005 - Jul. 2008

***First Line Supervisor, Electronics/Armament Technician***

* Provided on-site field support to customers, including installation, servicing, and repairing complex electronic warfare systems and equipment.
* Troubleshot and repaired RF and electronic systems essential to weapon serviceability to include sensor units, thermal imaging units, and eye-safe laser rangefinders by analyzing cables, receivers, analog and digital displays, input/output devices, and test equipment.
* Upgraded and maintained the Common Remotely Operated Weapon Station (CROWS) which enabled gunners to accurately engage targets and rapidly identify improvised explosive devices (IEDs) viewed on a computer screen from the safety of their vehicle.

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**Experience - Continued**

* Assisted the Defense Contracting Management Agency as a Contracting Officer Technical Representative in evaluating Kellogg Brown and Root’s Small Arms Department while in Iraq.
* Resolved customer issues by providing technical advice to military technicians assigned to electronic warfare systems and electronic maintenance duties.
* Assisted in the configuration of fire control systems by analyzing, servicing, and contributing technical input regarding fire control hardware and software.
* Supervised an armament (small arms) shop of 15 soldiers for 2 years while maintaining accountability of over $1,000,000 worth of equipment.
* Proficient in using technical manuals to identify parts, perform proper maintenance on equipment, and using all essential charts and technical listings.
* Knowledgeable in AC/DC power, grounding, and electronic equipment.

***Multi-Channel Transmissions Systems Operator & Maintainer*** *(Jun. 2001 - Jun. 2005)*

* Supervised, installed, operated, and performed unit-level maintenance on multi-channel line-of-site and tropospheric scatter communication systems, fiber optic transmission systems, communications security (COMSEC) devices, and associated equipment.
* Operated and performed preventive maintenance checks and services (PMCS) on assigned power generators and vehicles.
* Analyzed BIT/BITE diagnostics to isolate faults to the line Replaceable Unit (LRU).
* Repair, install or maintain mobile or stationary radio transmitting, broadcasting, and receiving equipment, and two-way radio communications systems used in cellular telecommunications, mobile broadband, aircraft-to-ground communications, and radio equipment in service and emergency vehicles. May test and analyze network coverage.

**Education History**

**University of Texas Austin**|Full Stack Web Developer Certificate (2022)-HTML5, CSS, Javascript, JQuery, Bootstrap, Node JS, MySQL, NoSQL, MongoDB, Express, Handlebars, ReactJS

**BlackFox Institute**| IPC/WHMA-A620C CIT (Certified IPC Trainer) (2018)

**University of Phoenix** | A.A. in Information Technology, 3.593 GPA (2011)

**Central Texas College** | Business Management, 3.6 GPA (2007 - 2008)

**U.S. Army Signal School** | Multi-Channel Transmission System Operator/Maintainer

**Ordnance School (Mechanical Maintenance Training)** | Small Arms/Artillery Repairer

**Awards & Honors**

Good Conduct Medal

Combat Action Badge

Army Commendation Medal

Army Achievement Medal

Army Service Ribbon

Iraq Campaign Medal