

Joshua Barros

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Security Clearance: Active DoD Secret | Citizenship: United States

Relevant work experience

Radio Operator | United States Marine Corps Reserve | Fort Devens, MA | 08/2022 - Present

Hours per week: 16 (Drill Status) / 40+ (Annual Training / Active Orders)

- Operate and maintain L3Harris tactical communication systems across HF, VHF, UHF, and SATCOM frequency bands to support secure voice and data transmission in field and garrison environments.
- Configure and operate AN/PRC-163 multi-channel radios, enabling IP-based communications, basic network addressing, and integration with Mobile Ad Hoc Networks (MANET).
- Establish and sustain line-of-sight (LOS) and beyond-line-of-sight (BLOS) communications using manpack and vehicular radio systems.
- Execute Communications Security (COMSEC) procedures, including handling, loading, and safeguarding cryptographic keying material in compliance with DoD security standards.
- Perform preventative maintenance and troubleshooting on radio systems, power equipment, and cabling to ensure operational readiness and minimize system downtime.
- Conduct frequency planning, spectrum management, and interference mitigation to maintain reliable communications in congested environments.
- Install and configure field-expedient and fixed antennas to support tactical communication networks and command post operations.
- Manage inventory and accountability of communications equipment, ensuring accurate documentation and maintenance tracking per DoD property management procedures.
- Train junior personnel on communications equipment operation, maintenance procedures, and security compliance.

Cable Technician / Cable Escort | Super Systems Inc. (SSI) | Hanscom AFB, MA | 06/2025 - 02/2026

Hours per week: 40

- Installed, spliced, and maintained fiber optic cabling systems using fusion splicers and Optical Time-Domain Reflectometer (OTDR) testing equipment.
- Terminated, labeled, and troubleshot data and VoIP cabling systems to support network infrastructure at a DoD installation.
- Installed grounding systems, racks, fiber trays, and patch panels in accordance with engineering and safety standards.
- Diagnosed and resolved fiber faults, including identifying breaks, rerouting connections, and restoring service to minimize downtime.
- Operated within secure DoD environments while enforcing National Industrial Security Program Operating Manual (NISPOM) compliance and escorting uncleared personnel.
- Maintained accurate documentation, redlines, and reporting for infrastructure projects and system changes.
- Collaborated with team members to complete work orders and maintain communication system integrity.

Security Site Supervisor | Allied Universal | Boston, MA | 03/2023 - 03/2024

Hours per week: 40

- Supervised security personnel and managed access control operations within a controlled facility environment.
- Monitored security systems including surveillance cameras and automated access control systems.
- Developed Excel-based tracking tools to monitor visitor authorization and improve reporting efficiency.
- Ensured compliance with security procedures, clearance verification, and controlled access protocols.
- Provided customer service and coordination in a high-responsibility environment requiring attention to detail and accountability.

Education, certification or licenses

Western Governors University | Salt Lake City, UT

Some college (no degree) | GPA: 3.76 of a maximum 4.0 | Credits Earned: 63

Major: Bachelor of Science in Cybersecurity and Information Assurance

Completion date: 2028

Certifications:

- CompTIA Security+ (SY0-701) – Active
- Java Programming Certificate – Massasoit Community College
- Joint Anti-Terrorism Level I
- Cyber Awareness and Insider Threat Training
- Cisco Certified Network Associate (CCNA) – In Progress (Target: 2026)

Job-related training

- Marine Corps Radio Operator School (MOS 0621) – Training on tactical communications systems, COMSEC procedures, and field radio operations
- CompTIA Security+ Certification Training
- NISPOM Security Compliance Training – Completed during employment at Hanscom AFB

Language skills

English | Spoken: Advanced | Written: Advanced | Read: Advanced

Technical skills

Communications Systems: L3Harris tactical radios (AN/PRC-163, AN/PRC-152, AN/PRC-117G), HF/VHF/UHF and SATCOM, LOS/BLOS transmission, MANET, antenna installation, spectrum management, frequency planning

Networking: IP-based communications, network configuration, subnetting, routing fundamentals, Ethernet, VoIP

Information Security: COMSEC, cryptographic key management, Transmission Security (TRANSEC), DoD security policy compliance

Infrastructure & Cabling: Fiber optic installation, fusion splicing, OTDR testing (Fluke Versiv), copper/Ethernet cabling, patch panels, grounding systems, rack infrastructure

Systems & Administration: Windows 10/11, Linux (Ubuntu, Kali), Active Directory fundamentals, system configuration

Tools: OTDR (Fluke Versiv), fusion splicers, RDP, SSH, Microsoft Office Suite, basic Python scripting

Additional information

Active United States Marine Corps Reservist. Available for full-time, on-site, or secure-environment work immediately.