

JOSHUA BARROS

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Security Clearance: Active DoD Secret | Citizenship: United States

WORK EXPERIENCE

Radio Operator (MOS 0621)

United States Marine Corps Reserve | Fort Devens, MA | 08/2022 – Present

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

- Operated and maintained military radio systems (L3Harris AN/PRC-163, AN/PRC-117G, AN/PRC-160) across HF, VHF, UHF, and satellite bands to provide secure voice and data communications in field and garrison environments.
- Planned and built tactical radio networks using communications planning software: designed network layouts, assigned call signs and waveforms, configured encryption, and loaded mission plans onto multiple radios.
- Handled classified encryption material (Type-1 COMSEC) in compliance with DoD and NSA standards, including receipt, safeguarding, and loading of cryptographic keys using the Simple Key Loader (SKL) and other fill devices.
- Configured IP networking on tactical radios, including IP address, subnet mask, and gateway settings, to connect radios with laptops and tablets and enable secure data and chat traffic.
- Established satellite and line-of-sight communication links, monitored connection status, and troubleshoot outages caused by antenna alignment, encryption key, or configuration problems.
- Installed and tuned antenna systems, including standard military antennas and field-built designs, calculating antenna length based on operating frequency to maximize signal quality.
- Managed frequency assignments and interference: deconflicted frequencies, synchronized timing across the network, and maintained reliable communications in congested radio environments.
- Transmitted and received standard military reports over radio, including medical evacuation (9-Line), enemy activity (SALUTE), and situation, position, personnel, and logistics reports, using correct radio procedure and communication security.
- Performed scheduled preventive maintenance and fault isolation on radios, power equipment, and cabling; inspected communications vehicles and equipment inventories monthly, documented deficiencies, and reported issues to sustain readiness.
- Trained junior Marines on radio operation, encryption handling, and radio discipline, providing hands-on instruction during exercises and field operations.

Supervisory Security Guard (GS-0085-08)

Department of the Army, U.S. Army Garrison Natick, Directorate of Emergency Services | Natick, MA | 08/31/2026

Hours per week: 40

- Serve as Shift Supervisor for the installation security guard force, exercising direct supervision over subordinate security guards and lead security guards assigned to the shift.
- Plan and coordinate shift activities to maintain physical security standards and enforce federal, state, and local laws, official orders, and installation regulations.
- Responsible for the protection of federal property, employees, and visitors, including access control operations and the regulation of pedestrian and vehicle traffic at installation entry points.
- Develop shift training plans based on approved courses and regulatory requirements, and supervise guard force training in weapons proficiency and protection against espionage, sabotage, and related threats.
- Inspect on-duty personnel for appearance, readiness, and knowledge of assigned duties; report work deficiencies to higher-level supervisors.
- Perform supervisory and administrative duties for the guard force, including scheduling, post assignments, and personnel oversight.
- Serve as a member of the installation's emergency response force, responding outside normal duty hours during actual and simulated incidents.

Cable Technician / Cable Escort

Super Systems Inc. (SSI) | Hanscom AFB, MA | 06/2025 – 02/2026

Hours per week: 40

- Served as a Secret-cleared escort for uncleared third-party technicians requiring access to communications closets and data centers at Hanscom Air Force Base; conducted pre-entry security briefings informing personnel of access restrictions and prohibited activities prior to entry into controlled areas.
- Maintained accountability logs for escorted personnel entering the data center, signing off on each individual requiring access and ensuring continuous supervision throughout their presence in restricted spaces in compliance with NISPOM requirements.
- Operated independently and as part of an escort team depending on job scope; coordinated escort coverage across concurrent work sites to ensure uncleared personnel were never left unsupervised within sensitive areas.
- Enforced physical separation requirements between NIPR and SIPR, ensuring minimum distance standards between classification levels were maintained throughout infrastructure installations.
- Performed fiber optic fusion splicing, joining strands using a fusion splicer and securing connections with heat shrink protection sleeves via the splicer's integrated heating element; verified splice integrity and signal loss using an Optical Time-Domain Reflectometer.
- Pulled and routed copper and fiber cabling through conduit, drop ceilings, and walls throughout the facility; terminated and patched cabling at MDF and IDF closets, repaired data outlets in cubicle environments, and supported new VoIP phone line installations.
- Supported a full network infrastructure upgrade project, assisting with physical rack setup, mounting and positioning new Cisco switches, and patching structured cabling to new equipment; helped install new equipment cabinets as part of the facility refresh.
- Reviewed and quality-verified over 500 third-party fiber audit documents against DoD-standard loss thresholds (not to exceed 1 dB), identifying non-conforming results and consolidating findings into a summary spreadsheet submitted to the communications manager for review and disposition.
- Conducted physical fiber audits across MDF and IDF closets and the data center, verifying installed runs, patch connections, and splice points to ensure infrastructure documentation was accurate and complete.

Cable Technician

MTS Services | Framingham, MA | 05/2026 – 08/2026

Hours per week: 40

- Installed, terminated, and tested voice and data cabling in new-construction environments, including twisted pair, coax, and Cat 5e/Cat 6 copper; performed pulling, placement, termination, testing, and labeling to meet client specifications and deadlines.
- Tested single-mode and multi-mode fiber optic cabling using a Fluke tester, verifying signal integrity and documenting results to confirm compliance with project standards.
- Built out Main and Intermediate Distribution Frames (MDF/IDF), terminating and organizing structured cabling to support telecom, TCP/IP network, CCTV security, and access control systems.
- Installed wireless access points (WAPs) and supporting cable infrastructure, including J-hooks, D-rings, and cable tray, to establish standardized and code-compliant pathway routing.
- Read and interpreted blueprints and schematics to plan cable routing and equipment placement, working efficiently under minimal supervision across multiple job sites.
- Worked from ladders to install cabling and access points in elevated and hard-to-reach areas, maintaining a strong safety and quality-control mindset throughout.

Security Site Supervisor

Allied Universal | Boston, MA | 03/2023 – 03/2024

Hours per week: 40

- Supervised a team of up to five security personnel, managing daily assignments, scheduling, on-site training, and performance oversight in a controlled facility environment.
- Administered payroll processing for site security staff, ensuring accurate timekeeping records and timely submission in coordination with management.

- Developed and maintained an Excel-based tracking system to manage badge assignments and visitor access authorizations, recording badge numbers, assigned personnel, access levels, and expiration data to support accountability and audit readiness.
- Conducted badge verification and access control at facility entry points, confirming personnel authorization against access rosters and enforcing clearance-based entry protocols.
- Submitted daily activity reports to the point of contact (POC), organizing and archiving reports in dated folders to maintain a complete and retrievable record of site security operations.
- Monitored security systems including closed-circuit surveillance cameras and automated access control platforms, identifying and escalating security incidents in a timely manner.
- Ensured site-wide compliance with established security policies and procedures, maintaining a high-accountability environment requiring consistent attention to detail and procedural discipline.

EDUCATION

Western Governors University | Salt Lake City, UT

Bachelor of Science, Cybersecurity and Information Assurance |

GPA: 3.76 / 4.0

CERTIFICATIONS & TRAINING

- CompTIA Security+ (SY0-701) – Active
- CompTia A+ Core 1 & 2– In Progress (Target: 2026)
- Marine Corps Radio Operator School (MOS 0621) – Tactical communications systems, COMSEC procedures, and field radio operations
- NISPOM Security Compliance Training – Completed (Hanscom AFB)
- Joint Anti-Terrorism Level I
- Cyber Awareness and Insider Threat Training
- Java Programming Certificate – Massasoit Community College

LANGUAGE SKILLS

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

TECHNICAL SKILLS

Networking: IP addressing, subnetting, and gateway configuration; Ethernet and VoIP; switch installation and patching; wireless access point setup; secure and non-secure network separation standards

Encryption & Key Management: Handling and safeguarding of classified encryption material; loading cryptographic keys across multiple secure voice and data systems; compliance with Department of Defense and National Security Agency key management standards

Tactical Communications: Military radio operation across all frequency bands, including satellite; radio network planning and programming software; satellite and line-of-sight link setup and troubleshooting; antenna installation and construction; frequency planning and interference resolution

Physical Security & Access Control: Escort procedures for uncleared personnel in restricted areas; badge issuance and access authorization tracking; visitor processing and accountability logging; surveillance and access control system monitoring; security team supervision and scheduling

Systems: Windows 10/11; Linux; Active Directory; remote access and secure shell; endpoint configuration and troubleshooting; hardware diagnostics; Python and Java

Cabling & Infrastructure: Fiber optic splicing and testing; copper and fiber termination and patching; distribution frame buildout; cable pathway routing and installation; equipment rack and cabinet installation; blueprint and schematic interpretation

Security & Compliance: Department of Defense security policy; industrial security compliance for classified facilities; insider threat and operational security awareness; equipment accountability and inventory control; incident identification, escalation, and documentation

Documentation: Microsoft Office, including Excel-based tracking and audit spreadsheets; records management; incident and activity reporting

ADDITIONAL INFORMATION

- Active United States Marine Corps Reservist; available for full-time, on-site, or secure-environment work immediately.
- Massachusetts License to Carry (LTC) – Active; authorized to carry concealed firearms in the Commonwealth of Massachusetts.
- U.S. Marine Corps rifle qualification training; proficient in safe handling, operation, and employment of military service rifles in accordance with Marine Corps standards.