

Joshua Barros

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📁 Portfolio: <https://barrosjosh.tech> | LinkedIn: [linkedin.com/in/barrosjoshua](https://www.linkedin.com/in/barrosjoshua)

IT Enthusiast with Hands-On Technical Experience in Communications Systems and IT Troubleshooting

Currently pursuing a degree in Cybersecurity with a focus on military, security operations, and cybersecurity interests. Holds an active Secret/SCI clearance and has experience managing critical communication systems and resolving technical failures in production environments.

Work Experience

Radio Operator, 0621 (USMCR) Currently Present

- Operate and maintain critical communications systems (HF, VHF, UHF, Satellite Communications)
- Troubleshoot networking and radio transmission issues in high-pressure environments.
- Implements cybersecurity protocols and ensures secure transmissions.
- Configure and maintain Ethernet wiring and Harris Equipment.
- Set up and optimize field-expedient antennas for remote communications.

Department Manager (Hogan McDonald) Currently Present

- Diagnosed and resolved POS system and software issues, ensuring minimal downtime.
- Assisted coworkers with login recovery, system failures, and alternative access methods.
- Managed register software updates, menu programming, and troubleshooting IT-related concerns

Security Supervisor(AUS) March 2024

- Managed security systems, access controls, and surveillance to ensure compliance.
- Developed Excel-based tracking systems for streamlined security monitoring.
- Automated authorization tracking with dropdown menus, reducing errors

Technical Skills

- Communications Systems Operation & Maintenance (Military)
- Cybersecurity Protocol Implementation & Technical Equipment Troubleshooting
- Tactical Communications, Secure Data Transmission (Military)
- Troubleshooting Hardware/Software, POS System Fixes, Login Issue Resolution.
- Threat Assessment & Risk Management
- Ethernet wiring, cabling, basic network configuration

Home lab

- Created & Managed Windows VM for testing cybersecurity tools, assessing suspicious files for malware
- Practice Pen Testing basics on Kali Linux, using my own network for educational practices/purposes
- Made an automation script using Python to automate tasks for daily use or convenience
- Experimented w/made scripts using the flipper zero for educational purposes
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Certifications

- Java Certification
- Sec+ (In Progress)
- Microsoft Certified Engineer Certification (In Progress)

Education

Computer Science Transfer

Honors: Joshua Barros (GPA: 3.6/4.0), Currently Attending

Massasoit Community College, Middleboro, MA

- Plan to transfer to BSU to complete a degree in Cybersecurity

