

# Joseph Stills

AV Systems & Broadcast Network Engineer

## CONTACT INFO

### Phone

+1 828.713.9350

### Location

Asheville, NC. USA.

Open to Relocation & Travel

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## EDUCATION

### Bachelor Of Science

February 2023

Full Sail University

Winter Park, FL

## CORE COMPETENCIES

### Network Architecture:

VLANs, QoS, Multicast (IGMP), PTPv2 (IEEE 1588)

### AV-over-IP & Protocols:

Dante (L3), AES67, OMNEO, sACN

### Livestreaming & Video Transport:

RTMP, NDI, SRT, livestream encoding, hybrid event support

### Automation & Tools:

JavaScript, Swift, SwiftUI, HTML/CSS, Slack workflows, AI-assisted documentation/workflows

## PROFESSIONAL SUMMARY

AV Systems Engineer with 5+ years of experience designing, operating, and supporting AV-over-IP, livestream, and broadcast systems across an 8-campus environment serving 12,000+ weekly users. Skilled in Q-SYS, Dante, multicast networking, real-time troubleshooting, live event support, documentation, training, and workflow automation. Known for owning complex systems end-to-end, improving reliability, and helping non-technical teams operate AV systems with confidence.

## PROFESSIONAL EXPERIENCE

### Central Production Specialist (Network & AV Systems Lead)

2022 – Present

Biltmore Church - Arden, NC

Technical lead for a multi-site broadcast environment supporting 12,000+ weekly viewers across 8 campuses.

- Architected and managed a multi-campus production network, implementing VLAN and QoS strategies to prioritize broadcast traffic and maintain high-availability live streaming.
- Standardized network architecture by authoring organization-wide infrastructure protocols, aligning VLAN design and hardware deployment across all campuses.
- Supported Q-SYS-based AV systems as part of a mixed-vendor production and event technology environment.
- Supported digital display and signage workflows for campus environments, including content routing, playback systems, and event-specific display configurations.
- Acted as final escalation point during live productions, resolving critical issues in real time.
- Wrote SOPs, system documentation, and training materials that enabled staff and volunteers to troubleshoot common AV issues and operate systems independently.
- Directed hardware lifecycle and deployment strategy for multi-campus expansion, ensuring compliance with AV and network standards.
- Coordinated equipment deployments, retrofits, and vendor/integrator support for new AV and network infrastructure across multiple campuses.
- Maintained AV hardware, firmware, software, and system configurations through recurring checks, troubleshooting, and preventive maintenance.

### Advanced Repair Agent

2021 – 2022

Geek Squad - Arden, NC

- Hardware Repair: Performed physical repairs and diagnostics on laptops, desktops, and mobile devices.
- Triage: Acted as the first point of contact, quickly identifying software vs. hardware issues to speed up the repair process.
- Workflow: Managed a busy repair queue, prioritizing urgent tickets to ensure devices were returned to clients on time.