

J. PORTER MCCOMAS

Broadcast Systems & Network Engineer

(910) 733-6337 @networking@mccomas.tech https://www.imdb.me/jpmaeic Apex, NC



EXPERIENCE

Engineer In Charge | Network Architect

All Mobile Video

September 2023 - Current Remote, USA

- Conceptualize, design, configure, and stress-test network infrastructure for multiple high-end production studios throughout the entertainment industry
- Develop technical documentation and system drawings using AutoCAD, Visio, and other visual design and documentation tools
- Integrate IP networks into larger audiovisual and broadcast systems
- Administer multiple IP networks consisting of routers, managed switches, and firewalls that enforce strict security controls and protect intellectual property
- Maintain a robust backup system that minimizes downtime during equipment failure

Broadcast & IT Engineer | Live Events Support

Warner Brothers Discovery

October 2021 - August 2023 Atlanta, GA

- Worked with a team of Engineers to rapidly address production and on-air technical issues in one of the world's largest hybrid broadcast facilities
- Maintained a basic IT infrastructure monitoring system utilizing various network protocols such as ICMP and SNMP
- Assisted in the design, integration, and completion of multiple projects ranging from Production Control Rooms to QC Stations

Engineer In Charge [previously audio/video maintenance technician]

All Mobile Video

May 2017 - October 2021 Los Angeles, CA

- Troubleshoot, repair, and stress test all broadcast equipment in our fleet of mobile production trucks
- Use of waveform monitors, vectorscopes, and QC equipment to analyze SDI, MADI, and other audio visual bitstreams
- Maintenance of AC and DC power systems that are vital to the trucks operation
- Assist production crews with hardware settings, software programming, and signal routing
- Maintain accurate inventory counts of all audio, video, communications, and transmission equipment

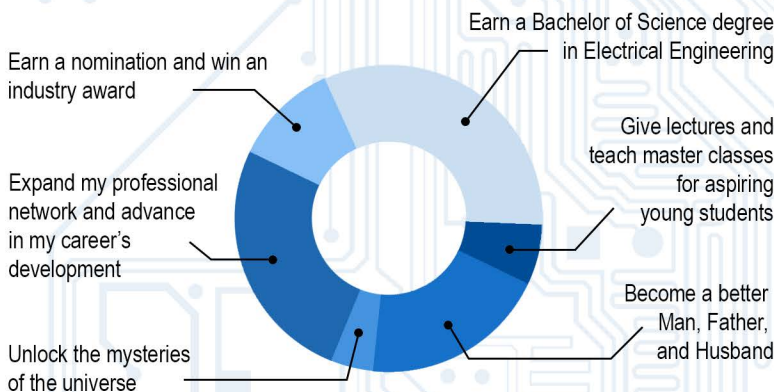
Technical Operations | Broadcast Engineer

PBS North Carolina

Feb 2016 - May 2017 Research Triangle Park, NC

- Provided engineering support and maintenance of broadcast equipment located at the NC Legislative Broadcast Facility
- Supported multiple departments to achieve audio, video, engineering, and production objectives
- Transformed the audio post-production suite into a robust edit bay with the ability to ingest, capture, and route media to any destination within the facility

GOALS & ASPIRATIONS



LIFE PHILOSOPHY

"Every day is an opportunity to learn something new"

MOST PROUD OF



Diversity of Skills

that enable me to be a flexible member on any crew



Dedication & Loyalty

I show to my colleagues through my willingness to exceed expectations and assist in overcoming any challenging circumstances that arise



Productivity

during idle periods of time that enhance the functionality of the workplace



Professional Recommendations

that offer an outside perspective of my strengths, abilities, and accomplishments

STRENGTHS

- Strong Work Ethic

Considerate

Patient

Calm Under Pressure

Self-Motivated
- Cable Fabrication

Troubleshooting

VLANs

IP Networking

CLI

Windows

Integration

GEAR & PROFICIENCIES

- A/V

Studer, Calrec, Yamaha, LAWO, Grass Valley
Sony, Canon, Panasonic, Evertz, AJA, Blackmagic
Leader, Tektronix, NVision, PESA, Zoom, Teams
- IP

Cisco Catalyst, Cisco Small Business
HPE Aruba AOS-CX, HPE Aruba AOS-Switch
- NETWORKING

Routing & Switching, Unicast, Multicast
STP, QoS, IGMP, NTP, PTP, VoIP
OSPF, EIGRP, BGP

EDUCATION

Audio Engineering

Conservatory of Recording Arts and Sciences

Aug 2012 - June 2013

Physics & Chemistry

University of North Carolina at Pembroke

May 2006 - May 2010