

# John Birchman

## Freelance Technician

Roanoke, VA

### PROFILE

Freelance AV Technician with over 30 years of experience in Audio Visual and Entertainment Production with Audio, Video, Lighting, and Special Effects.

Now I am mainly focusing on LED Wall Lead/Engineer, Digital Signage, and Digital Services for Trade Shows, Exhibits, Meetings, and Events.

Working out of Roanoke, VA and willing to travel in the US.

### SKILLS

- BrightSign/BrightAuthor
- NovaStar
- Absen
- Unilumin
- beMatrix
- Fiber Optics
- NEC TileMatrix
- Alcorn McBride

### CERTIFICATIONS

Absen Certified Engineer  
ACE - November 2020

Digital Signage Certified Expert  
DSCE - July 2013

Certified Fiber Optic Technician  
CFOT - April 2011

### WORK EXPERIENCE

#### JRB Technical - Owner

June 2005 - Present

Responsible for providing Digital Signage, Digital Services, and LED Wall Lead/Engineer tech support for AV and other companies as needed across the US. This also includes specialty projects.

Also responsible for providing Digital Signage feeds for clients worldwide, including setup and maintenance of Linux Media Servers, and scripting of data feeds.

#### Freeman Event Technology - Part Time Technician

November 2005 - Present

Responsible for setting up small to medium sized LED Walls. Also responsible for setting up, operating, and striking AV equipment for Exhibits, Meeting Rooms, and General Sessions at Convention Center and area Hotels around the US. This includes audio, video, and Digital Services/IT.

#### Lighting Systems Design, Inc. - Technical Director

December 1999 - October 2005

Responsible for specifying equipment for installations and productions, computer system builds in-house and for clients, systems integration, laser system setup and operation, office and show site network management, website management, product research and development, low level electronics design and board layout, CAD and support documentation for product builds, and general equipment repairs.

#### Universal Orlando IOA - Parkwide Systems Technician

September 1998 - December 1999

Responsibilities include operation and maintenance of Laser systems utilized throughout the park as part of special effects in attractions. Also maintaining and repairing all elements of the Parkwide Show Systems throughout the site including audio, visual, and film projection, as well as performing preventive maintenance.

#### Walt Disney World Epcot - Stage Technician Level II

September 1996 - September 1998

Responsible for technical theatre aspects for Germany Biergarten restaurant and dinner show, including lighting and audio, general maintenance, repair, and upkeep of equipment, training, and other stage responsibilities as needed. Upgrade and installation of new audio cabling for FOH console and effects racks. Upgrade and installation of new lighting console and DMX rack connections to existing dimmers. Also finalized portions of facility lighting and audio rehab and future facility upgrade requirements.

#### Walt Disney World Epcot / Disney MGM Studios - Stage Technician Level III

March 1989 - September 1996

Show Technician for Germany Biergarten restaurant and dinner show.

Laser and Show Technician for IllumiNations, including training of new technicians.

Show Technician for Indiana Jones Epic Stunt Spectacular, various positions.

Show Technician for Superstar Television, various positions.