LIVE MEDIA GROUP

Job Description

Job Title: Engineering Apprentice
Status: Exempt – Full-time
Department: Engineering
Division: TNDV (Nashville, TN)

Purpose:
The purpose of this position is to develop engineering and broadcast equipment maintenance skills through 5 program phases. Successful completion of the program will result in a Mobile Engineer position. The Mobile Engineer will coordinate, manage and perform necessary maintenance activities required for broadcasting equipment on a Live Media mobile unit and/or fly-pack to meet client requirements and operate up to LMG standards of quality.

Position Responsibilities:

Developmental Phases:

PHASE I (approximately 1 month)

Work within Facility Field Shop

- Report daily to Field Shop and Maintenance Engineering Manager
- Load and offload equipment from mobile units
- Compile load lists for mobile units
- Bar code equipment properly for inventory management
- Tracking and assist in shipping equipment to mobile unit locations or to other company facilities
- Scan equipment into equipment database
- Test the functionality of incoming cable assemblies
- Repair and fabricate cable assemblies
- Fabricate connectors for every required type of cable in a mobile unit

PHASE II (approximately __ months)

Work with Fiber and Cable Maintenance

- Report daily to _____
- Learn terminology and cable connector types
- Sorting and prescreening of cable assemblies
- Test fiber optic cables for optical loss and continuity
- Visual inspection of fiber optic connectors
- Cleaning of various connector types
- Mechanical assembly and reinforcement of connector ends
- Terminate and polish connector end faces
- Use and testing of fiber hardware

PHASE III (approximately 6 months)

Work with Integration and Upgrade Teams

- Report daily to Technical Supervisor
- Assist in Mobile Unit construction and/or upgrades
- Learn various connector types and termination techniques
- Cut and label cables and terminate ends
- Lace cables into mobile unit racks
- Test cables
- Install and fax out equipment
- Understand truck schematics and read truck elevation drawings
- Participate in final mobile unit fax out before events

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PHASE IV (approximately 6 months)

Work with Maintenance Department

- Report daily to Maintenance Engineering Manager
- Ensure equipment quality control and check out
- Check and repair auxiliary equipment as it passes through field shop (including intercom belt packs, monitors, microphones, speaker stations, etc.)
- Work side by side with Maintenance Engineering and Maintenance Engineers on special projects, various pieces of equipment, and software upgrades
- Install and fax out broadcast gear in mobile units (including cameras and vtrs).
- Shadow on mobile units as an extra Engineer when appropriate

PHASE V (transition from PHASE IV for 3 to 6 months)

Work on a specified mobile unit as a 3rd Engineer

- Report daily to Mobile Unit Engineering Manager and Engineer in Charge
- Set up mobile unit(s) for remote events
- Provide on-site preventive maintenance, troubleshooting, and repair of television equipment and systems
- Work with Mobile Unit Engineers, Mobile Unit Drivers and crew members on specific events/packages
- Coordinate equipment and scheduling logistics with Operations Coordinator
- Strike and tear down mobile unit(s)

Additional Training provided during program:

- TV 101 Seminar (online seminars, etc. as designated by Chief Engineers appropriate throughout apprenticeship)
- Networking Seminar
- Equipment Specific Training through Live Media Vendors/Staff

Length and order of program may vary depending on technical skills and truck scheduling

Evaluations:

- Evaluation of the Apprentice will be conducted at the completion of each program phase
- Final Evaluation and Assessment will be conducted prior to Graduation

Qualifications:

- Completion of Associates of Technical Degree preferred from a Broadcast Communications, Electronics or Engineering School.
- Formal electronics training preferred.
- Strong Mac/PC skills (Microsoft Office operating systems) and proficient knowledge of networking.
- Ability to work on tasks and projects independently as well as in a team-oriented environment.
- Must be able to work on multiple projects with tight deadlines.
- Strong problem solving and analytical skills.
- Excellent communication and organizational skills.
- Must be willing and able to lift/push/pull up to 50 lbs. and be willing to seek assistance for anything over 50 lbs. (should not seek to do over 50 lbs. without assistance).
- Must be willing and able to travel 100% of the time upon program completion to Live Media remote events.

Live Media Group Holdings LLC is an Equal Opportunity Employer and offers employment opportunities to all qualified persons regardless of race, color, religion, sex, age, national origin, sexual orientation, physical or mental disability or any other status protected under applicable law.

Live Media Group
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