PROJECT ENGINEER

Posting ID: EM19B104DF

Company: Ford Audio-Video

Position Type: Full-Time

College Major(s): Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE), Computer Science (CS), Entertainment Engineering (EED)

Company Website: https://www.fordav.com/careers/employment-application/

Work Location: Las Vegas, NV

Salary: DOE

College Level(s): Undergraduate-Senior, Graduate Student, PhD. Student, Alumni

OVERVIEW

Ford AV is a nation-wide, commercial AV integrator. We design, install, rent and service professional sound, video, and lighting systems for businesses, education, entertainment, government, churches, performing arts centers and sporting venues.

Roles and Responsibilities

Engineers are an integral part of Ford and have a significant role in the systems that are designed and installed. Engineers have the opportunity to design arenas, airports, schools, stadiums, houses of worship, healthcare facilities, entertainment and corporate facilities. Typical A/V systems include boardrooms, meeting, training and videoconferencing. Lighting systems are designed for theatrical and broadcast television. Ford installs systems in command and control rooms for the US military, and network operation centers (NOC) for telecommunication providers. Most systems are digital and controlled by computers using software designed by Ford engineers.

The engineer is responsible for preparing CAD system drawings, programming DSP, and designing AV computer control systems. The remaining time is spent meeting with clients and inspecting, testing, and working at job sites. The engineer also participates in training the customer. Every engineer is expected to approach all projects with an emphasis on quality design, installation, and service.

Education and Qualifications

Qualifications:

• Experience with CAD or AutoCAD
• Knowledge of room acoustics and noise control
• Excellent communication and PC skills
• Solid leadership ability
• Seeking long-term employment
• Ability to travel: Approximately 4 days/month (depending upon the size & location of the project)
• High standards for personal integrity, work ethic, professional presentation, and quality of work
• Ability to multi-task and meet deadlines
• Driven by quality customer service
• Personal interest in acoustics, electronics, music, sound, lighting, and/or video systems desired
• Ability to play a musical instrument and/or read music is preferred
• Programming experience with Crestron /AMX is desired Preferred
• Experience with the design and installation of professional audio, video and lighting systems Preferred
• BSEE, BSECE, BSEET, BSME, BEMET, BSCS, BSPhys Preferred

How to Apply
https://www.fordav.com/careers/employment-application/