



Audio Video Employment Posting

AV Systems Designer (Tech Support, 3 - 5 yrs. Professional experience)

Threshold consultants approach the visual realm of architecture to reinforce the subtlety, power, and delight that sound can bring to the built environment. Our Audio/Video (AV) team delivers quality and clarity of sound and video for places of gathering where we learn, share wisdom, and pass along culture. We work alongside designers, artists, and administrators to deliver designs that address the needs of end users in the Performing Arts, Cultural, Educational, Worship, and Commercial realm.

Thoughtful spaces require flexible AV systems that help them succeed as both rooms and venues, for presentation and conversation, as places for in-person presentation of ideas as well as their distribution and collaboration at a distance. Audio and video technologies that were once confined to the world of performance venues are now pervasive in our everyday lives. Whether the technology itself is part of the show or subordinated to an immersive experience, the quality and clarity of sound and video remains paramount. We seek the highest quality of experience that delivers power, fidelity, and nuance for the everyday and the once-in-a-lifetime.

Threshold is seeking an individual with 3 - 5 years of experience in the AV consulting or systems integration industry to support a team of consultants in designing, documenting, and detailing AV designs. The ideal candidate will have strong written and verbal communication skills, be highly organized with exceptional attention to detail, time management, and follow-through, as well as experience installing or deploying systems for live performance. A bachelor's degree or equivalent experience in Electrical Engineering, Music Technology, Physics, or a related field, is required. A sense of curiosity and openness to learning more about AV systems, architectural design, and construction professions are a priority. Interest and experience in multi-disciplinary performing art forms such as music, theatre, or dance are welcome. Areas of responsibility and appropriate skills necessary for success will include all or most of the following:

Essential Functions:

- Work with AV consultants to design AV systems and produce documentation including drawings and specifications.
- Collaborate and coordinate effectively with AV designers and colleagues in both AV and Architectural Acoustics disciplines.
- Contribute to the design process as an active team member and participate in client or user group meetings as required.
- Participate in construction site reviews and lead system acceptance testing and commissioning efforts.

Experience/Qualifications:

- Understanding of complex AV Systems and capability to produce design documents under the direction of design consultants
- MS Office Suite including Word, Excel, PowerPoint, and Outlook
- Prior work with AV design engineer or systems integrator in developing system designs
- Experience supporting live production or installation of AV systems
- Familiarity with building design phases and construction process
- Engineering mindset with a strong understanding of signals and systems
- Technical narrative writing

Experience with the following software systems, industry recognized training, and certification preferred:

- Revit / BIM modeling
- AutoCAD
- Sketchup and/or 3D modeling
- Loudspeaker modeling software (e.g., EASE, Soundvision, ArrayCalc, etc.)
- IT networking familiarity
- AVIXA certification (e.g., CTS, CTS-I, CTS-D)
- SynAudCon training

Environment, Physical demands, and other conditions:

- The position requires the individual to meet multiple demands from multiple people and interact with other staff and, occasionally, with clients.
- The position is preferred to be primarily in person in an office and may include some remote work. Hybrid or remote arrangements are negotiable.
- Occasional travel is expected to attend to construction site visits and client meetings.

Benefits/Work life:

- Competitive salary and benefits, including holidays, vacation, sick leave, 401K, Flexible Spending Account (FSA), long term disability, and medical, optical, and dental policies
- Partial reimbursement for tickets to live performances or other events that expand our collective experience with a wide range of performing arts outlets
- Conference attendance is supported according to personal interests and the company's need to efficiently cover potential markets
- Relocation expenses negotiable

Threshold as a company works to create spaces that are free of distraction, ones wherein we are immersed in each other's presence and can build authentic human connections. It is with this ethos in mind that we now make a deliberate effort to do our part dismantling the undeniable inequality in our profession and in our society. Our Social and Environmental Justice Mission Statement ([found here](#)) is a conscious call to action, both as individuals and as a company.

We look forward to hearing about how your individual skills and experience make you the best candidate for this position.

To apply, submit a Resume and Cover Letter addressed to Tim Perez, Principal at info@thresholdacoustics.com.