



Audio and Acoustics Systems Engineer

Sound United is hiring an Audio and Acoustics Systems Engineer in Owings Mills, Maryland. Reporting to the Director of Audio and Acoustics Systems, the Audio and Acoustics Systems Engineer for Advanced Audio and Acoustic Research and Development center (ARAD) provides development of loudspeaker systems for home, car and other related consumer electronics products. Work includes all aspects of loudspeaker systems design from product concept, computer aided design, testing, specifications writing, and quality control. Work within project team to develop new products from inception to mass production.

To Learn More About the Position, Apply at: <https://careers-soundunited.icims.com/jobs/intro?hashed=-435686663>

SUMMARY

Reporting to the Director of Audio and Acoustics Systems, the Audio and acoustics systems engineer for Advanced Audio and Acoustic Research and Development center (ARAD) in Owings Mills, MD. Development of loudspeaker systems for home, car and other related consumer electronics products. Work includes all aspects of loudspeaker systems design from product concept, computer aided design, testing, specifications writing, and quality control. Work within project team to develop new products from inception to mass production.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Research, design and develop loudspeakers systems for consumer electronics products, including, but not limited to home and car passive and active loudspeakers.
- Creation of CAE models of transducers and loudspeaker systems.
- Performance and reliability testing of loudspeaker systems, analyzing data and providing reports of results.
- Creation of specifications of loudspeaker systems.
- Interface with manufacturing sites to develop and research loudspeakers.
- Visit loudspeaker manufacturing sites to insure performance and quality of transducers.

QUALIFICATIONS, REQUIREMENTS, EDUCATION AND EXPERIENCE:

- Bachelor's degree in Acoustics, Physics, Electrical or Mechanical Engineering.
- 4+ years of experience in loudspeaker engineering.
- Deep understanding of electro-acoustics and loudspeaker design including transducers, enclosures and electronics.
- Knowledge and experience of computer aided design and simulations such as LEAP, Speak LspCAD, FineMotor, etc.
- Knowledge and experience of testing equipment such as Sound Check, MLSSA, Audio Precision, CLIO, Klippel, etc.
- Capable of critical listening of loudspeakers.
- Knowledge of manufacturing methods and processes for loudspeakers.
- Ability to work in a team and be self-guided when necessary.
- Ability to complete tasks within time constraints.
- Proficiency in speaking and writing in English.



OTHER SKILLS AND ABILITIES:

- Master's degree in related field preferred.
- Knowledge of transducer design.