

Resonado Overview:

Resonado, Inc. is an early-stage, venture-backed technology company specializing in unique speaker transducer technology. As a multinational, fast-growing technology licensing company with offices in Palo Alto (CA), Chicago (IL), South Bend (IN), and Seoul (South Korea), we work closely with different businesses ranging from industry-leading OEM/ODM manufacturers to globally recognized brands whose audio products will utilize our patented speaker technology. Our technology can be applied to any speaker ranging from a micro-speaker used in the mobile devices to a large-size stadium speaker used in the football arena.

We, at our Chicago office, are looking for a motivated candidate in his/her early career with passion in audio who is ready for challenges by assuming a bigger role in a small, yet supportive organization. Our company maintains a horizontal organizational culture with a strong basis in meritocracy. With transparent communication and open channels welcoming new idea, our company is an ideal environment for a budding engineer looking to advance his/her career with new set of hard and soft skills, gain hands-on experience with industry leaders from both supply and product side, and become an early member of the fast-growing company poised to bring a new wave of innovation to the audio industry.

Responsibilities:

- Use an engineering approach to develop acoustic test fixtures through lumped element and finite element modeling, prototyping, and measurement verification
- Perform CAD work including responsibility for schematic capture entry and directing BOM management and PCB layout efforts
- Perform engineering assignments independently while under the guidance of an experienced engineer
- Perform electrical circuit design and direct PCB layouts from early prototype work through production launch, including system qualification testing
- Contribute to the new product development process as the acoustic test engineer developing test methodologies and test software and implementing these test solutions at various manufacturing locations
- Design focus on low noise, low power, high efficiency, regulatory compliance with domestic and international requirements, and optimized cost solutions
- Work with suppliers and strategic partners to identify design solutions and collaboration opportunities
- Track priorities and deadline of engineering tasks associated to multiple projects of varying size and complexity
- May direct the engineering tasks associated with a large project or several small projects
- Assist management as directed
- Other duties as assigned

Contact

833.633.8737
hello@resonado.com



Qualifications:

Must be qualified to work in the U.S. and have no restriction in international travels

[Preferred]

- 1+ years work experience in acoustic engineering, test engineering, or related graduate studies
- Solid understanding of audio/acoustic principles and related measurements and measurement hardware
- Understanding of circuit analysis, lumped element modeling, and finite element modeling
- Ability to work independently with minimal guidance
- Experience with design and development of consumer electronics products
- Knowledge of codes and standards

[Minimum]

- Bachelor of Science in Electrical Engineering from an ABET-accredited institution
- Travel to design and/or manufacturing facilities as necessary to support production builds with development partners
- Strong written and verbal communication skills
- Ability to analyze and interpret complex electrical and mechanical systems
- Knowledge and ability to apply problem solving approaches and engineering theory
- Knowledge of engineering designs and practices
- General knowledge and experience with regulations, guides, standards, codes, methods, and practices necessary to perform assignments for a specific discipline, various installations, or services
- Proficiency in Microsoft Suite (Word, Excel, PowerPoint, etc.)
- Knowledge of applicable codes and standards
- Familiar with discipline-specific design software and design management systems
- Knowledge of standard format specification development

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