Example of Acoustic Engineer Job Description

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Our company is growing rapidly and is looking for an acoustic engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for acoustic engineer

- Designing and optimizing acoustic model training procedures using multi-lingual audio data and the latest deep learning approaches
- Resolve product process and system issues
- Clearly understand the software team requirements
- Commitment to delivering the highest quality projects in a timely manner
- The candidate will be expected to tune complex digital signal processing systems for use in consumer products
- Prepare and analyse speech recordings in view of language production
- Train acoustic models for the next generation VoCon engine in various languages
- Test and analyse the performance of next generation systems on typical automotive tasks and other domains
- Research in acoustic modelling focussing on specific language aspects like multilinguality
- Report research results in the form of technical reports and presentations

Qualifications for acoustic engineer

- Three or more years in NVH vehicle development
- Experience with transfer path analysis and modal analysis
- Hands-on automotive experience preferred
- Experience with testing and validation of MEMS microphones
- Understanding of mixed signal circuit design, including op-amp differential

- BS in Acoustics, Physics, Mechanical Engineering, Electrical Engineering or closely related field