Chair of Acoustics and Haptics is looking for a student (SHK Stelle, 5-10 h / Week) for the topic of 
refrigerator noise reduction techniques. Research question has two main components:

1. Noise reduction methods of an ice and water dispenser unit of a refrigerator
2. Noise considerations of a refrigerator in real living environments in comparison to the 
average background noise.

The position is limited for 3 months at the beginning. The duration of the employment is according 
to the WissZeitVG.

The position takes place in the context of an industrial research project on the sound quality 
improvements of refrigerators. Tasks include, but are not limited to, one or more of the following:

- Conducting vibro-acoustical measurements with the refrigerators and refrigerator 
components, data analyses and reporting
- Realization of structural changes in refrigerator components and conducting comparison 
measurements
- Conducting background noise measurements, data analyses and reporting

Requirements:

- Being a student in Elektrotechnik / Mechatronik / Maschinenbau or similar fields
- Prior knowledge on acoustics and vibration
- Good measurement practices, working and presenting the gathered data in a structured 
way, very good knowledge of MS Office applications
- Fluent English

Female candidates are strongly encouraged to apply. The same applies to people with disabilities.

If you are interested, please contact:

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