



JUNIOR MECHANICAL DESIGN ENGINEER
PART TIME (15-20H)

USound GmbH
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AUSTRIA
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by USound GmbH



The company

USound is a semiconductor startup company, which is offering an innovative micro loudspeaker technology that is targeting the continuously growing market of cell phones, headsets, hearing aids and basically all types of audio based wearables. The USound value offering is based on a novel MEMS technology that provides a piezo loudspeaker solution, which aim to be competitive with respect to audio performance, power consumption, form factor and price. The USound head quarter is based in Graz, Austria. This is supplemented with offices in Vienna and Hamburg, Germany. Present headcount is 35. For the Acoustic R&D center in Vienna, we are looking for student in the role as **Junior Mechanical Design Engineer (part time 15-20h per week)**.

The responsibilities of the Junior Mechanical Design Engineer comprise research work around all aspects on product development. Specifically around design of 3D models and manufacturing. The duties will include support in the following areas: creation and/or revising existing concepts with consideration given to system integration, packaging environments and tooling requirements; interfacing with internal teams and suppliers. Besides that, possibilities to start a thesis can be offered.

Job description / Responsibilities:

- Create concepts, develop technically advanced components and products and implement product design changes
- Support to Simulation Engineering, MEMS Technology Engineering and Acoustic Engineering teams with execution of new projects.
- Create and organize professional technical data (drawing packages), documentation, characterization, analysis reports and product specifications with accuracy.
- Research activity to collaborate in supplier selection and qualification process with R&D and external partners
- Participate hands-on to the design, develop, validation, test and debug of prototypes, with scopes ranging from specific concepts to comprehensive and functional products.

Education / Experience:

- Bachelor in Mechanical Engineering, Product Engineering, Mechatronics or comparable
- Experience in CAD/CAM design and simulation tools (SW preferred)
- Knowledge in defining engineering bill of materials and technical drawings
- Experience in databases and macros programming is a plus
- Knowledge MEMS Technology is a plus
- Fluent German & English



USound offers:

- An innovative and dynamic work environment
- A talented and committed multi-competence team
- Exciting products which aim to disrupt the market of micro loudspeakers
- If you are interested in joining a dynamic technology startup company and have a matching background, you can send your CV/resume to Acoustic R&D Manager Markus Bartek (markus.bartek@usound.com).