

R&D Intern Microsensor Vibroacoustics 100%

Your Profile

- BSc or MSc student in engineering or physics
- Laboratory experience and enthusiasm for hands-on tasks
- Interest in the field of measurement technology, initial experience is an advantage
- Enjoys programming, skills in Python are an advantage
- Strong German or English skills

Your Responsibilities

Sensirion offers you many exciting challenges every day and a comprehensive insight into the development of new sensor solutions in a high-tech company. Together with highly motivated and interdisciplinary teams, you will set new standards in the field of sensor technology. You are part of a newly established project team with the goal of developing a microsensor for vibroacoustics. Your future supervisor, Robert (Junior R&D Engineer) tells you what to expect during your internship.

What are the specific tasks?

Together with your colleagues you will work on the planning and implementation of a new setup for the automated measurement of sensors in a production line. For this, in addition to a good technical understanding of sensor technology, practical skills, laboratory experience and experience in the automated analysis of complex data are advantageous. In addition, you will also support us in the further development of new sensor prototypes.

What are the daily challenges?

Within the scope of this project, a novel sensor technology is being developed whose fundamentals, strengths and limitations are currently being elaborated and optimized. A central element of this process is the in-depth characterization of the sensor using suitable measurement setups. Initiative and independence as well as creativity and the introduction of new ideas are required in order to set new standards in the field of sensor technology. During your internship you will have the opportunity to work intensively on a focus project and also support our team. This allows you to gain unique insights into various topics of sensor technology and promotes independent and flexible work in an industrial environment. Your daily tasks will include the planning, implementation and testing of new test setups, the execution of measurement series and the interpretation of the results as well as the subsequent documentation of the experiments.

Your Contact

Katja Saxer

Phone: [+41 44 927 14 23](tel:+41449271423)

Sensirion AG

Laubisrütistrasse 50

8712 Stäfa

Switzerland

SENSIRION

info@sensirion.com

www.sensirion.com