

R&D Intern Development of Formaldehyde Sensors 100%

Your Profile

- BSc or MSc student in engineering, physics, chemistry or materials science
- Aptitude and enjoyment in experimental work, characterization of air quality sensors and data analysis
- Programming knowledge in Python or a similar programming language is an advantage
- Good knowledge of German and English

Your Responsibilities

The tasks you will encounter at Sensirion are extremely diverse and exciting. In an interdisciplinary project team, you will help develop the latest generation of electrochemical gas sensors. Your future colleague, Cyrill (Senior Project Leader) tells you what to expect during your internship.

What are the specific tasks?

You will support us in building and evaluating the performance of sensor prototypes in the lab and in field studies. By means of stress tests you check the reliability of the prototypes. Depending on your interests and background, you will support us in the development of fundamental understanding. As a full-fledged member of our team, you will be jointly responsible for the planning and execution of measurement series as well as the evaluation, interpretation and presentation of the data obtained. Furthermore, you will build and test new measurement systems under professional guidance and further develop our data analysis tools in the Python programming language.

What are the daily challenges?

You can expect a wide range of tasks that require a high level of experimental skill and a good sense for often unexpected results. The classification of the results into a consistent overall picture in a dynamic project environment is an exciting challenge for all of us every day. You are not afraid to approach colleagues to provide coordinative support as well.

Your Contact

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