

We are looking for a **Working Student** (f/m/d) for our Gas Sensor-Team in Dresden.

As part of the gas sensor team your responsibility would be to **automate the compilation/test of the Gas Sensor Evaluation Software.**

Your tasks:

- Conception and development of automatic compiling process for the gas sensor evaluation software
- Improve and optimize the build process containing multiple stages including quality checks
- Transfer the Code from SVN tool to Gitlab including continuous integration to compile the software automatically
- Create docker-based environment for automated and parallel build-processes
- Develop automatic installation process/installer for the Evaluation Kit Software
- Research/setup of automatic testing for the GUI based software
- Documentation of new build processes

Your profile:

- Studies in mechatronics, electrical engineering, industrial engineering, computer science or information system technology
- Good programming skills (Python, Docker, Makefiles, QT)
- Experience with versioning tools (SVN, Git, ...)
- Interest in working on challenging tasks with responsibility and own projects
- Fluent in English and German

Our Offer:

- Working close with your mentor
- Flexible working hours
- Flat hierarchies
- Interaction with international locations
- Good public transportation connections
- Attractive internship compensation

For an internship at Renesas you must be enrolled at a university.

About Renesas Electronics Germany GmbH

Renesas Electronics Germany GmbH is a leading supplier of innovative, highly accurate, robust and cost-effective analog and mixed-signal ICs for automotive, industrial automation and consumer applications. It has been based in Dresden for over 50 years and has a global presence. Since April 2019, it has been part of Renesas Electronics Corporation, a Japanese semiconductor manufacturer with approximately 20,000 employees worldwide.

At our site in Dresden/Germany we design, validate and test our products, such as sensor systems. The gas sensor team and its state-of-the-art lab evaluate customer products from all over the world. We always look for highly motivated staff with expertise in chemistry, electronics and/or programming.

Do you want to join our Gas Sensor Team?

Then send us an e-mail with your CV and overview of your grades to
Maria.Elze.jc@renesas.com.

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