

## Internship (m/f/d) - hardware-related programming

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### Our Passion - Be a part of it!

Originally as a research project, indurad has been developing innovative sensor solutions for the world's leading raw materials industry since 2008. From our headquarters in Aachen, our team of 150 fantastic employees ensures that our high-quality solutions lead to greater safety and lower greenhouse emissions in the bulk solids and raw materials industry around the globe. indurad combines the dynamism of a start-up with the energy and ideas of a large corporation - that's what makes us so unique! We are a diverse team of talented, innovative people focused on making positive change happen on a large scale.

### But we are still missing one thing - and that is you!

We are looking for an intern (m/f/d) to support our hardware team at our Aachen site as soon as possible in developing our sensors and the associated platforms.

### Your passion

- You support the design and implementation of features for the firmware of our embedded systems.
- You will develop circuit board prototypes and adapt them as required.
- You carry out practical tests and document and evaluate the functions of our devices.
- You will also support further development through reviews, the implementation of unit tests and documentation.

### Your skills

- You are studying electrical engineering, computer science, mechatronics or another comparable degree programme and would like to gain practical experience in software development for microcontrollers
- You already have a sound knowledge of C and initial experience in hardware-related programming
- You are familiar with GCC, GDB, JTAG and STM32
- You are proficient in soldering and using an oscilloscope and multimeter to troubleshoot circuit boards
- Initial experience with real-time operating systems, CMAKE, git and a Linux-based development environment is desirable.

### You deserve it!

- We offer a fair internship stipend of €1,000 per month
- Early riser or night owl - Thanks to flexible working time models you can organise your working day yourself
- You will become part of our team and receive direct and professionally sound training and support
- We offer you a workplace with a feel-good factor: bright, modern premises, ergonomic equipment, drinks, free parking and enough space for your own initiative and development opportunities - all this is important to us so that you feel completely at ease!
- Direct lines to management and superiors, open communication, respectful interaction and a relaxed dress code are just as important to us as a lively "you" culture

## Perfect Match?

We want to make it easy for you!

Our recruiting expert Bianca Just looks forward to receiving your resume (max. 5 MB) with your salary expectations and desired start date via email at [job@indurad.com](mailto:job@indurad.com) or through direct application via our application form.

Find more job openings at [www.indurad.com/company/career/](http://www.indurad.com/company/career/).