



## Your contribution to mobility and safety of tomorrow!

What do aircraft, trains and military (air) vehicles have in common? They are equipped with increasingly complex, safety-critical electronic systems. SPHEREA's test systems ensure the mobility and safety of these complex systems even tomorrow. Would you also like to support to keep these systems safe? Then become part of our young, dynamic and excellent team as:

### We can imagine the following topics in the field of engineering:

1. For the internal training of our development engineers we need two toolkits: one for clever troubleshooting, one for tricky measurements. Do you want to think of a training task here and implement the toolkit?
2. Many sensors today use the infrared spectrum for situational awareness. For this you can build a simulator for sensor testing.
3. Relay cards for signal interconnection in an automatic test system always generate errors due to aging processes. These can be avoided if special stress tests are carried out. Who will help us to implement them?
4. We use our in-house software UTMS.neXt for the automatic control of test sequences. Do you want to extend this with a real-time capability? We also want to improve debugging capabilities for hardware control.
5. Artificial Intelligence, Machine Learning and similar topics are often still limited to research areas. How can these technologies already be used on existing test systems today for the benefit of users? This is an exciting question that will be answered in theory and practice.

You have explored our website and developed yet another idea? Come to us and inspire us!

SPHEREA GmbH ♦ Human Resources ♦ Nathalie Häring  
Magirus-Deutz-Straße 13 ♦ 89077 Ulm ♦ Phone: +49 (0) 731 17630-0  
[www.spherea.de](http://www.spherea.de) ♦ [jobs@spherea.de](mailto:jobs@spherea.de)

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APPLY  
NOW!



### This is our offer

- Integration into our team - not just "the student".
- Insights into the processes of a medium-sized company
- Exciting and challenging tasks in a technical environment
- A growth-oriented company with attractive entry opportunities
- A mentor and individual support
- A dynamic team with an excellent working atmosphere
- A modern, attractive location with innovative laboratory and office space

### These skills are needed




- Study with focus on communications engineering, technical computer science, physics or similar
- Creativity and analytical strength
- Independence and proactivity
- Ability to quickly understand complex topics
- Good knowledge of English

### About us:

We are a medium-sized company for development, production and service of test systems in small and very small series. We accompany the project from the initial idea to implementation and service. In close cooperation with our customers, we develop specific, complex electronic test solutions in a safety-critical environment with 40 employees in Ulm.

We look forward to your meaningful application or a first phone call.

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[www.spherea.de](http://www.spherea.de) ♦ [jobs@spherea.de](mailto:jobs@spherea.de)

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