Sontheim

Sontheim is a leading system provider from the Allgäu region for automation, diagnostics and connectivity solutions. Our range of services includes the development and production of innovative hardware and software systems. We are one of the big players in the development and series production of diagnostic and connectivity systems for mobile machinery. We want to further expand our market leadership with forward-looking technologies.

In the context of our product developments we are looking for motivated students (m/f/d) with immediate effect:

Thesis in the field of AI, research and development

The tasks/challenges are:

- Develop and apply AI models for predictive maintenance of engines
- Contribute to the design of failure scenarios and data generation
- Data analysis and processing
- Additionally, implementation of predictive maintenance models in C/C++ is possible
- Learning of simple, physical relationships and components of the underlying engine system
- Literature research for existing and/or similar solutions
- Close cooperation with motor specialists and our research department
- Application of learned theoretical basics as well as the willingness to extend them
- Joint definition of the final thesis, according to your strengths

You have/are:

- A student of computer science, physics, AI, data science, or a similar field of study
- Interest in developing and applying theoretical models to real-world scenarios
- Interest and passion in programming
- Initiative and commitment
- First programming skills in Phyton and/or C, C++
- Structured way of working

We offer:

- The stable environment of an established medium-sized company, paired with the charm of a young team
- The opportunity to develop in a future-proof and exciting subject area
- Working with large and well-known manufacturers from the commercial vehicle or mechanical engineering sector
- A supervisor who always has an open ear for questions, progress and discussions
- Working where others go on vacation. Kempten - the capital of the Allgäu region

More information under **www.s-i-e.de/en/career**

We are looking forward to your application!

www.s-i-e.de