

OFFIS is a 1991-founded, internationally active Research and Development Institute for information technology based in Oldenburg, Lower-Saxony. In an average of 70 ongoing projects OFFIS, with its over 250 employees, carries out research and prototypical development work on the highest international level in the areas of energy, society, health and manufacturing. OFFIS cooperates with more than 700 business and scientific partners worldwide.



R&D-Division: Manufacturing
Group: Sustainable Manufacturing Systems

Working hours: according to mutual agreement
Start: as soon as possible

Student Assistant (f/m/d) AI applications in sustainable manufacturing

Background:

In the [Sustainable Manufacturing Systems research group](#), AI methods are used to capture key figures and physical processes in production processes in order to support and optimise decision-making processes. There are challenges in the selection of variables from numerous measurement points with physical dependencies and in the sometimes impulsive noise in the training data.

Your Tasks:

We are looking for immediate support in the SMS research group in the development of some of these AI models. After an appropriate selection of variables, suitable models will be selected, taking into account the objectives and the properties of the data. The models will be trained and evaluated for use in consultation with practice partners and adapted as necessary. Our work is very practical with different manufacturing companies from Germany and the EU.

Your Profile:

- > Enrolment at a university or university of applied sciences.
- > Knowledge of AI methods in theory and practice
- > Programming skills in C, C++ or Python or other languages
- > Ability to independently develop ideas to solve problems

We offer You:

- > Flexible working hours
- > Practical experience in applying theoretical knowledge
- > Opportunity to write your Bachelor's or Master's thesis in this area
- > Excellent supervision and integration into our team
- > Remuneration in line with Lower Saxony universities 12.00 €/hour (without Bachelor) and 12.77€/hour (with Bachelor)

Contact: Please send your application to : bewerbung@offis.de

If you agree to our considering your application for other vacancies, then please inform us accordingly by including an informal consent in your covering email or attaching our [consent form \(PDF-Download\)](#) to your application.

Contact Person:

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Further information on the application procedure and data protection can be found at <https://t1p.de/OFFIS-Application-Data-Protection>.