TECHNISCHE HOCHSCHULE
OSTWESTFALEN-LIPPE
UNIVERSITY OF
APPLIED SCIENCES
AND ARTS

The Ostwestfalen-Lippe University of Applied Sciences and Arts is one of the most research-intensive universities of applied sciences in Germany. With around 6,200 students and 750 employees in Lemgo, Detmold and Höxter, it is an important part of the dynamic science and business region of East Westphalia-Lippe. Its unique study and research orientations make it a research and study location of the highest quality.

Exzellent in Lehre und Forschung

At the **Ostwestfalen-Lippe University of Applied Sciences**, the inIT - Institute Industrial IT at the **Lemgo** site has a vacancy for a

Scientific Assistant (f/m/d)

limited until 31.12.2024.

The inIT (www.init-owl.de) is one of the leading research institutions in the fields of industrial information technology and intelligent technical systems. In cooperation with national and international partners from industry and society, more than 60 employees research and develop the latest technical innovations for future production and digitalization. Networking, human-technology interaction, machine intelligence, real-time image processing, learning systems or safety systems, the inIT combines cutting-edge methods and meets the high demands of intelligent automation. The inIT is looking for employees to work on and design externally funded projects (state, federal, EU) that focus on the application and research of artificial intelligence (AI), machine learning (ML), data analysis, and image processing. Examples of current projects at inIT are

- the AI marketplace - the digital platform for tomorrow's innovations (https://ki-marktplatz.com),
- the it's OWL innovation project AI4ScaDa KI-Anwendungen for Small Data and
- the it's OWL transfer pilot KRISTINA.

The scope of duties will include the following aspects in particular:

- You will research the further development of intelligent algorithms and methods and thus advance the current state of the art.
- You will transfer AI, ML, and other methods from basic research to the application of industrial systems.
- You plan test executions and measurement concepts on industrial machines and implement the resulting measurement campaigns.
- They analyse recorded data using machine learning methods as well as conventional methods.
- In doing so, they convert theoretical concepts and models into program codes.

If you meet the following requirements, we look forward to receiving your application:

- A successfully completed scientific university degree in the field of electrical engineering, computer science, mathematics or physics.
- A high interest in the fields of research and teaching

- Good knowledge of software development and relevant programming languages (e.g. Python, Matlab, R)

We offer:

- With appropriate performance, the prospect of a doctorate in cooperation with a university or the Promotionskolleg NRW (https://www.gi-nrw.de/)
- A modern, family-friendly working environment in which you will also be accepted as a graduate (f/m/d) with or without professional experience
- A well-rehearsed scientific team, which will support you at any time during your induction and gradually introduce you to scientific work
- Remuneration - depending on your level of training and knowledge - up to pay group 13 TV-L
- A company supplementary pension scheme
- Internal and external training opportunities
- TH OWL is a partner of the JobTicket of the Kommunale Verkehrsgemeinschaft Lippe. You have the opportunity to commute to your workplace in Detmold, Lemgo or Höxter comfortably, inexpensively and climate-friendly by bus and train with this special ticket (for further information, please click here: www.lippemobil.de/de/jobticket).
- This is a full-time position. A part-time occupation is possible in principle, provided that the full-time position can be filled in total.

In accordance with the State Equal Opportunities Act, preference shall be given to women with the same qualifications, unless reasons relating to the person of a competitor prevail. Severely disabled persons will be given priority in the case of equal suitability.

We are happy to support you in reconciling your career and your personal life situation.

Please send your complete application documents exclusively via our **online form to the TH OWL by 29.04.2022.**

For further information, please contact Mr. Christoph-Alexander Holst (05261 702-5592, christoph-alexander.holst@th-owl.de) who will be happy to help you in advance.

www.th-owl.de/karriere

TOTAL E-QUALITY

Zertifikat seit 2014
audit familiengerechte hochschule