



Universität Hildesheim
Stiftung des öffentlichen Rechts



The following position is to be filled at the Institute of Computer Science, Information Systems and Machine Learning Lab (ISMLL) has a vacancy for a

PhD Position in Machine Learning (m/f/d)
(TV-L E 13,100%)

the position is full-time, can be filled immediately, and is initially offered for three years. The salary is according to TV-L E13 (roughly 57,000 EUR gross income per year).

As a PhD student in our international ML research group you conduct research in ML guided by a postdoc and two professors, have the opportunity to cooperate with companies, small and large, as well as with academic partners on real-world ML problems, and are encouraged to assist in teaching ML courses in our renowned International Master's Program in Data Analytics to students from all over the world. The working language of our group is English. You will work in a beautiful town with UNESCO World Heritage Sites, located in the very center of Germany, just 30 km from Hanover and 1.5 hours. by high-speed train to Berlin.

Who we are

The Information Systems and Machine Learning Lab (ISMLL) at the Institute of Computer Science of the University of Hildesheim is an international research group in machine learning, especially predictive modelling and probabilistic methods for complex data and complex decisions, with an excellent publication track record (NeurIPS, ICML, ICLR, AAAI, ACM KDD, ECML PKDD, etc.). Current research directions include time series forecasting, probabilistic machine learning, graph neural networks, recommender systems, and mathematical foundations of machine learning. ISMLL takes part in basic and applied research projects in various domains such as mobility, e-commerce, and technology-enhanced learning. See <http://www.isml.uni-hildesheim.de> for more information. The Institute of Computer Science, of which ISMLL is part, has a strong focus on artificial intelligence, with three chairs working in this field. The University of Hildesheim is renowned for high-quality research and education.

What we expect

We are looking for a gifted student who loves models, algorithms, and data, can hardly stop discussing them with others, likes to express their ideas in formulas and programs, and now wants to get to the bottom of a complex ML problem over the next three years. You should have a recent Master's degree in Computer Science, Mathematics, Statistics, Data Science, or a closely related area. A Master's thesis on an ML topic and ML-related courses in your Master's program will be an asset. You are expected to have strong analytic and programming skills, the ability to work independently, and strong interpersonal as well as English language skills.

As a family-friendly university, we offer a varied, interdisciplinary range of tasks, flexible working hours, regular further and advanced training and a special annual payment within the framework of TV-L. In joining the university, you will become part of a dynamic, committed and open-minded team.

The University of Hildesheim has adopted a mission statement that places great importance on gender equality and diversity.

The University of Hildesheim particularly wants to promote the professional equality of women and men. Therefore, it aims to increase the proportion of employees of the gender that is underrepresented in the respective area.

In the case of equal qualification and suitability, applications from applicants with severe disabilities will be given preferential consideration.

For university degrees obtained abroad, a certificate evaluation by the Central Office for Foreign Education (ZAB) is required as proof of equivalence before you are hired. Please apply for this in good time if necessary. You can find more information at <https://zab.kmk.org/de/zeugnisbewertung>.

Until when and how to apply

Please apply online using reference number 2026/121 at <https://www.ismll.uni-hildesheim.de/apply/>, uploading your CV with your transcripts and a research statement. Please enclose a PDF of a technical text of yours, such as a first paper, your Master's thesis, or a seminar paper you wrote. You can submit your application online at any time; once we have found our new .PhD student, the application portal will be closed. We will store and process your personal data during the application process and delete it afterwards. For any further questions, please contact Prof. Dr. Dr. Lars Schmidt-Thieme (schmidt-thieme@ismll.uni-hildesheim.de) or Prof. Dr. Tom Hanika (tom.hanika@uni-hildesheim.de) via email.