



Entry date:  
as soon as possible



Application deadline:  
12.05.2025



Salary:  
SHK-compensation



Duration:  
31.12.2025



Volume of employment:  
37 - 80 h/month

The Philipps University, founded in 1527, offers multiple award-winning teaching for around 22,000 students and tackles the important issues of our time with excellent research across a broad spectrum of science.

The Department of Mathematics and Computer Science, research group on “Explainable AI”, Prof. Dr. Christin Seifert is currently accepting applications for a hessian.AI position as

## Student assistant

The position is part-time (37 - 80 hours per month) and should start as soon as possible.

### Your tasks:

- You assist in creating a benchmark dataset with machine instructions and physical results (images) for an embroidery machine.
- You train vision-language models to learn the correspondance between instructions and outcomes.
- You apply explainable AI methods and natural language processing to explain how instructions need to change to obtain a different outcome.

### Your qualification:

- You are enrolled at a German university.
- You speak and write English fluently, German is a plus.
- You have foundations in machine learning and deep learning for vision or language.
- You have very good programming skills and are willing to learn new technologies. In particular, you have solid knowledge in Python, Pytorch, git.

### Contact for more information

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We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome – Philipps-University is certified as a family-friendly university. Sharing a full-time position (§ 8 Abs. 2 S. 1 HGIG) as well as a reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs can not be refunded.

Please send your application documents in one PDF file to [bopper@mathematik.uni-marburg.de](mailto:bopper@mathematik.uni-marburg.de) by May, 12<sup>th</sup> 2025, quoting the above-mentioned job advertisement ID.



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