



**Universität
Marburg**

Ausschreibungs-ID:
fb12-0011-studhk-2025



Entry date:
as soon as possible



Application deadline:
31.07.2025



Salary:
SHK-payscale



Duration:
one year



Work hours:
up to 40 hours/
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 and hessian.AI, Research Group "Artificial Intelligence – Multimodal Modelling and Machine Learning" (Prof. Dr. Ralph Ewerth), is currently accepting applications for a

Student Assistant

in the DFG-funded project SportVid. There are two positions to be filled. The goal of the project is the development of a video portal for researchers in the sports and training sciences. The positions (up to 40 work hours per month) are limited to one year, the entry date is as soon as possible.

Your tasks may include:

- Assist with designing and implementing the backend and frontend of the SportVid video portal
- Assist with data science tasks in the project, e.g. data collection and preprocessing, data analysis etc.
- Assist with the development and implementation of computer vision methods for sports video analysis
- Contribute to other project tasks of software development, prototyping and tool creation
- Participate in literature reviews and state-of-the-art surveys
- Help with documentation and research reporting

Your profile:

- You are enrolled at a German university
- Very good or good B.Sc. Degree in computer science or data science
- Very good to good grades in your current M.Sc. studies in computer science, data science, or related fields

- You have strong programming skills, experience with Python is required; willing to learn new technologies
- Knowledge of computer vision libraries (e.g. OpenCV) or deep learning frameworks (TensorFlow, etc.)
- You speak and write English fluently, good German language skills (C1) are a plus

Contact: Prof. Ralph ewerth



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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. 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 apply by July 31st 2025 by sending your application documents **in a single PDF file** (including: 1.) short motivation letter, 2.) CV, 3.) certificate of B.Sc. degree along with 4.) transcript of records (including all courses with grades), and 5.) the current M.Sc. transcript of records) via mail (indicating the job advertisement ID) to ewerth@uni-marburg.de.



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