

## Student Assistant Position for NFDI4DS

**Description:** The Semantic Systems (SEMS) Group at the Department of Informatics is looking for a motivated student assistant (m/f/d) with a strong interest in data science, machine learning (ML)/artificial intelligence (AI), as well as ethical questions thereof.

In recent years, AI and data science products have become a ubiquitous part of our daily lives. The amount of available models, datasets, and research insights has been rising dramatically so it is hard to stay up to date. The NFDI4DS project (<https://www.nfdi4datascience.de/>) aims to address this issue by establishing a coherent infrastructure that supports all steps of the complex and interdisciplinary lifecycle of data science- and AI-specific research data. While society has been benefiting from AI technologies, it has also become clear that this technology can produce harm (e.g., in the form of biased outcomes) and that its development is costly in an ethical sense (e.g., regarding data privacy, climate impact, annotation labor). One of the task areas in the NFDI4DS consortium is thus concerned with the ethical evaluation of the project content and raising community awareness.

As a partner of the NFDI4DS consortium, the SEMS group is involved in the preparation and management of international shared tasks, the organization of events and information material concerned with ethical AI, and the overall development of a data science platform. We are searching for a student assistant that can assist us in a variety of tasks within this project, as determined by the project timeline. Hence, we prefer candidates that consider staying with our group for a longer period of time (2 to 3 years).

The tasks will mainly be of organizational nature in the beginning. But some coding and research tasks will come up over time. So far we would expect you to:

- help organize the AI shared tasks (including, e.g., preparation of the proposals, managing the hosting platform and web presence, advertising the tasks)
- help organize events (e.g., an upcoming AI Ethics event)
- help conceptualize and realize a video series on AI Ethics
- support the implementation of AI prototypes (e.g., search for baselines, data preparation)
- potentially assist in literature research and the preparation of experiments

You will work with Prof. Dr. Ricardo Usbeck and Angelie Kraft.

**Salary:** according to UHH guidelines

**Hours per month:** negotiable

**Start date:** immediately

**What is needed:**

- Organizational talent, good communication skills
- Good command of the English language
- Work style that is reliable and committed, as well as accurate and with attention to detail
- Pre-knowledge regarding ML/AI and ideally natural language processing (NLP)
- Interest and ideally pre-knowledge regarding ethical issues of AI
- Some experience with Python, Pandas, NumPy, and an ML/AI library

Please send a short email and overview of any relevant experience to [angelie.kraft@uni-hamburg.de](mailto:angelie.kraft@uni-hamburg.de). Applications should be sent by email as soon as possible. We strongly recommend you apply as soon as possible - the position is open until filled.