

# Job advertisement

## We are looking for student / research assistants (m/f/d)

To contribute to research and development for the NFDI4DataScience research project in the Semantic Technologies Team in Cologne for the next possible date. The position is limited to a 6-month period (10 hours a week), with the option to be extended.

### Your future field of activity:

- ▶ Design and develop proof-of-concept software solutions aligned to the NFDI4DataScience project, including data collection, data transformation, and data storage
- ▶ Design and develop proof-of-concept software solutions supporting recommendations based on metadata
- ▶ Design and develop front-end prototypes for graphical navigation of recommendation systems
- ▶ Design and develop machine-learning prototypes using word and graph embeddings
- ▶ Active participation in project, team and institutional meetings

### Your professional qualifications and personal skills:

- ▶ You should be enrolled in a master or bachelor degree program in computer science, informatics, bioinformatics or similar areas
- ▶ Enjoy bringing ideas to the table and easily adapt to evolving requirements
- ▶ Good communication and teamwork skills
- ▶ Fluent in English spoken and written
- ▶ Good knowledge of python
- ▶ Some experience with machine learning development would be an advantage

### We offer:

- ▶ Interesting and challenging research tasks
- ▶ Work in a committed and international team

**ZB MED - Information Centre for Life Sciences** is the national infrastructure and research centre for life science data and information. Our services support research for people and the environment: from medicine to biodiversity to environmental protection.

**Information Hub for Life Sciences**  
We provide the infrastructures for literature and information supply, data management and the handling of large amounts of data.

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We conduct applied and transdisciplinary research. We enable data analysis and generate data potential. As a partner to research, we create new knowledge that is oriented to the needs of the community.

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- ▶ Academic exchange and training opportunities
- ▶ Flexible working hours and possibility of mobile working
- ▶ Supplementary pension scheme
- ▶ Modern equipped workplaces

### Your application:

Have we caught your interest? If so, please contact Dr. L. Jael Castro ([ljgarcia@zbmed.de](mailto:ljgarcia@zbmed.de)), for more information.

We are looking forward to your application! Please send an email with all relevant documents **online only** (max. 20 pages in one file):

- ▶ Cover letter
- ▶ Curriculum vitae with details of course of study and number of semesters
- ▶ Certificate of enrolment

until **24.09.2023** to [personalabteilung@zbmed.de](mailto:personalabteilung@zbmed.de); please include in the subject **WM 15/23**

Directorate  
ZB MED – Information Centre for Life Sciences  
Checkmark: WM 15/23  
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You can find out more about ZB MED here:

Youtube <https://www.youtube.com/user/ZBMED>

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ZB MED actively promotes equal treatment of all employees and is committed to diversity employees and is committed to diversity:  
<https://www.zbmed.de/ueber-uns/presse/pressemitteilungen/artikel/charta-der-vielfalt/>

Severely disabled people are given preferential treatment if they are considered. Applications from women are expressly encouraged. In accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz NRW), women are given preferential consideration in cases of equal aptitude, ability and professional performance, unless reasons relating to the person of a competitor prevail. Equal opportunities are an integral part of ZB MED's personnel and organisational development, for which the information centre has already been repeatedly awarded the TOTAL E-QUALITY award.



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