



Sächsische Akademie der Wissenschaften zu Leipzig

Job Advertisement

The Saxon Academy of Sciences and Humanities in Leipzig invites applications for the following position in the research project "Bibliotheca Arabica – Towards a New History of Arabic Literature" at the earliest possible date:

Research Software Engineer in the field of Digital Humanities (m/f/d)

The appointment is initially for a period of two years, with the prospect of continued employment during the project duration (until 2035).

Pay grade: TV-L 13, job scope: part-time 50% or 75%

Place of work: Leipzig

Candidate Profile

- University degree (Master's/Diploma, PhD) in Computer Science or Digital Humanities
- Proficiency in at least one programming language
- Experience in developing and implementing complex applications
- Experience in Digital Humanities projects or interdisciplinary communication with domain experts
- Proficiency in English

Desirable Experiences/Competences (one or more):

- Developing and operating graph-based or relational database systems
- Developing tools for representing, analysing and visualising research data
- Ruby/Jruby and JavaScript
- Named entity resolution/disambiguation techniques and record matching
- Optical character recognition (kraken, eScriptorium/Django)

Job Description

- Continuously develop our two project applications under production conditions (graph database khizana.saw-leipzig.de; internal annotation tool) and implement additional interfaces.
- Work closely with domain experts to define and implement best practices for data modeling and integration.
- Develop, and implement an efficient system for Arabic Entity Resolution and Record Matching.
- Keep up-to-date with latest developments in applied Digital Humanities, participate in project publications.
- Long term: evaluate, apply, and advance digital methods for data-related analysis and visualisation.

Women are strongly encouraged to apply. Preference will be given to persons with severe disabilities who are equally qualified.

Please send your application by 15 April 2024, stating your previous experience and your preferred level of commitment (50% or 75%), to the Secretary General of SAW, Dr Christian Winter, e-mail: bewerbung@saw-leipzig.de (one single PDF file).

For general information, please contact Dr Daniel Kinitz (kinitz@saw-leipzig.de).

Project information at: www.saw-leipzig.de/bibliotheca-arabica

About us

The Saxon Academy of Sciences and Humanities in Leipzig is a research institution with more than 20 long-term research projects. These are part of the Academy Programme, the largest long-term research programme for fundamental research in the humanities in Germany.

What we offer: Welcoming environment, supportive administration, flexible working hours, regular mobile and family-friendly work, 30 days annual leave, after probationary period and induction: long-term employment contract (2 years + 9 years).

The place of work is Leipzig, a dynamic and extremely liveable city, only 1 hour from Berlin, with a large university, affordable rents, a wide range of cultural activities, lots of nature and excursion possibilities as well as an international airport.

Privacy Policy

The Saxon Academy of Sciences and Humanities in Leipzig attaches great importance to the protection of personal data. The personal data you provide us with will only be used in the context of the selection process. Personal data will not be used for any other purpose. Your application will be stored internally until the selection process has been completed. It will not be passed on to third parties.