UNIVERSITÄT MANNHEIM

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Foto: Anna Logue

The University Library in Mannheim offers a temporary full-time position starting from **01.01.2022** as

IT Specialist with a Focus on OCR (m/f/d) (TV-L E 13)

The position comes with a fixed-term contract of 5 years and can be split into two part-time roles.

The BERD@NFDI consortium, headed by the University of Mannheim, develops a national, cloud-based platform for managing research data and applying complex analysis processes in Economic and Social Sciences. The consortium is part of the national research data infrastructure (NFDI - https://www.nfdi.de) and is funded by the Joint Science Conference (Gemeinsame Wissenschaftskonferenz, GWK). The University Library in Mannheim is responsible for work packages on processing digitized documents and on developing and implementing end-user-oriented data management processes. The working languages of the project are German and English.

About the role

You are the consortium's specialist for OCR technology and digitizing historical (printed) documents. You make the technology available to the users of BERD@NFDI and advise them on using the technology in research projects. You develop the infrastructure on digitizing historical company data, and you carry out OCR projects that you also support scientifically

Your tasks include

▪ implementing a recommendation service for OCR tools and integrating the OCR-D workflow into the BERD@NFDI infrastructure
▪ advising users on how to use the OCR tools and the platform
▪ implementing a directory of German company data based on the EURHISFIRM metadata model
▪ adding interaction features to the directory of German company data
▪ carrying out OCR projects
▪ contributing to other IT developments that are part of the project
▪ getting involved in working groups on specific subjects

The University of Mannheim is a scientific university with an excellent track record in research and teaching. It has about 2.630 employees and about 12.000 students.

In particular, in the field of economics and social sciences, which has traditionally been strongly represented, the University of Mannheim is one of the top-ranked universities both nationally and internationally. A special characteristic is the high degree of networking be-tween the five faculties.

The University Library is the central information infrastructure unit of the University of Mannheim and is responsible for the provision of information to the university

Start: 1 January 2022

Term: 5 years

Renumeration bracket: E 13 TV-L

Weekly hours: Currently 39.5 hours, suitable for job sharing

Location:
Mannheim, city center, Schloss

Reference number: UB-21/19

Please send your application until 05 December 2021 to the University Librarian:

Direktorin der Universitätsbibliothek Mannheim Schloss Schneckenhof West 68161 Mannheim
direktion@bib.uni-mannheim.de

Contact:
Dr. Irene Schumm (Head of the Research Data Center Department)
irene.schumm@bib.uni-mannheim.de

Requirements are

- a graduate scientific degree (master's degree or comparable qualification) in computer science or a related discipline
- being interested in text and layout recognition for digitized documents and research data infrastructures
- proven knowledge of at least one relevant programming language (Python, C++, Java)
- experience in web technologies and programming
- ability to solve issues independently and to work in a team
- very good knowledge of German and English
- very good communication skills

Desirable attributes are

- being familiar with developing open-source software
- experience with Git as well as GitHub or GitLab
- knowledge in the field of named entity recognition and/or named entity linking
- enjoying learning and using new technologies
- experience in managing and analyzing research data in Economic and Social Sciences

We offer

- a challenging and multifaceted position in a university setting with national and international partners
- a job in the prestigious Baroque palace on the university campus in the inner city, located about 5 minutes from Mannheim station and directly connected to public transport
- a flexible work time model and 30 vacation days a year
- the option to purchase the "Job-Ticket BW" for regional public transport
- affordable lunch break options on campus and in the city
- option to participate in university sports
- an annual salary in accordance with TV-L E13 (http://oeffentlicher-dienst.info/tv-l/west/) and the usual social benefits and other advantages of public service work

Applications of severely disabled applicants are given preferential consideration in the event of appropriate qualification. The University of Mannheim is committed to increasing the quota of women and thus encourages women with adequate qualifications to apply.

We are looking forward to receiving your application! Please send your application indicating the **reference number UB-21/19** by **05 December 2021** to the University Librarian:

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68161 Mannheim
direktion@bib.uni-mannheim.de

We prefer electronic applications sent in form of a PDF file.

If you have any subject-specific questions, please contact Dr. Irene Schumm, Head of the Research Data Center Department (irene.schumm@bib.uni-mannheim.de)