The **University Library Mannheim** offers a temporary full-time position starting a**t the earliest possible date** for a

Software Developer (m/f/d) (TV-L E 13)

As part of a project this is a 24 months position that can be split into two part-time roles.

This OCR-D coordination project initiated and funded by the DFG (Deutsche Forschungsgemeinschaft) aims to develop a comprehensive procedure for the mass full text digitization of historical prints in the German-speaking countries. The University Library Mannheim has been participating in the OCR-D project since 2019.

Our project partners for the implementation project „Integration von Kitodo und OCR-D zur produktiven Massendigitalisierung" are the SLUB Dresden as well as the University Library Braunschweig.
The University Library Mannheim extends the visualization component Kitodo.Presentation and the DFG Viewer by the OCR-on-demand feature. Thus, users will be able to request a text recognition service even for those historical prints that have not been digitized yet.

The working language in this project is German or English.

Your responsibilities:

▪ Liaise with other OCR-D projects and users (libraries) to coordinate the requirements
▪ Develop software (TYPO3, PHP, JavaScript, and possibly Python)
▪ Compile documentation, presentations, and reports
▪ Assist with the Optical Character Recognition (OCR) of the digital copies as well as the following automated post-correction process
▪ Advance the web application including the search and export functions
▪ Assist with the project management

Required:

▪ Completed university degree (Master's degree or equivalent)
▪ Interest in the OCR feature for historical prints

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 between 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: at the earliest possible date

Limitation: 24 months

Job grading TV-L E13

Working hours: currently 39.5 hours, divisible

Location:
Mannheim, city center, palace

Reference code: UB-21/08

Application submission by 23 May

2021 to

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

Your contact:

Stefan Weil (Project Leader)
stefan.weil@bib.uni-mannheim.de

- Proof of excellent command of at least one relevant programming language such as PHP, Phyton, C++ or Java
- Independent problem-solving skills as well as project team collaboration
- Very good command of English

Preferable:

- Familiarity with developing open source software
- Experience with Git as well as GitHub
- Eager to learn and apply new technologies
- Good command of German

We offer:

- A challenging and diverse position within an academic environment dealing with partner projects on a national level
- A workplace in the representative baroque palace in the center of the university campus; located near the city center and with a direct link to public transportation; 5 mins walking distance to the main train station
- Flexible working hours, 30 days paid annual leave (based on a full time position)
- A subsidized pass („BW-Job-Ticket") for the local transportation
- Low priced lunch offers on-campus and in the city center
- The possibility to participate in the university sports program
- An annual salary according to TV-L E13 (http://oeffentlicher-dienst.info/tv-l/west/) and depending on individual qualifications, the standard social benefits as well as the benefits of the public service

Applications from persons with disabilities will be given preferential consideration by corresponding suitability. The University of Mannheim is striving to increase the proportion of women and therefore expressly encourages applications from suitably qualified women.

We look forward to hearing from you. Please send your application including the **reference code UB-21/08** by **23 May 2021** to

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

We require your application to be submitted electronically as a PDF file.

For subject-specific questions please contact Stefan Weil, Project Leader and Head of the Digital Library Services Department (stefan.weil@bib.uni-mannheim.de)