**Mannheim University Library** offers a full-time position of a

**Software Developer in a Research Data Management Project (E 13 TV-L)**

starting from 01.07.2019. The position is limited to 36 months as part of a project to establish a research data centre for business and economics (BERD-Center BW). Opportunities for part-time employment are available.

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

The Business and Economic Research Data Center (BERD-Center BW) is one of the four Science Data Centers funded by the state of Baden-Württemberg. The aim of the project is to establish a centre of excellence for data availability and analysis in business and economics. A team of developers and researchers at the University of Mannheim and at the Leibniz Centre for European Economic Research (ZEW) Mannheim is working on this project.

Working language of the project is German or English.

**Your responsibilities:**

- Software development
- Building of an open ontology for enterprises
- Development of a metadata profile for research data in business and economics
- Building of a meta search of distributed data sources in business and economics
- Interlinking of existing data sets using automated data analysis and entity recognition methods
- Presentation of project results at conferences and in journals

**Required:**

- Master's degree in computer science (or comparable)
- Strong coding skills (proven in reference projects)
- Skills in text and data analysis and in search engine technology
- Problem solving ability, creativity, team player
- Eagerness to learn and apply new technologies

**Preferred skills:**

- Experience in the field of databases and search engines
- Skills in research data management, e.g. formats, interoperability, interfaces

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**Key Data**

**Start:** 01.07.2019

**Limited until:** 30.06.2022

**Job grading:** E 13 TV-L

**Working Hours:** currently 39,5 hours/week, part-time employment is possible

**Place of work:** Mannheim, inner city, castle

**Applications until:** 31.05.2019

**Direktorin der Universitätsbibliothek Mannheim**

Schloss Schneckenhof West

68161 Mannheim

[direktion@bib.uni-mannheim.de](mailto:direktion@bib.uni-mannheim.de)

**Your contact**

Dr. Annette Klein

[annette.klein@bib.uni-mannheim.de](mailto:annette.klein@bib.uni-mannheim.de)
• Experience in building ontologies
• Familiarity with Open Source Development
• Working knowledge of Git and GitHub
• UNIX shell and scripting languages
• Know-how in markup and data formats (JSON, XML, YAML, CSV...)
• Basic skills in modern deployment and Continuous Integration strategies (Docker, Travis CI...)

We offer:
• A challenging and varied occupation in an innovative team of software developers and researchers
• Various possibilities for training and further education
• Subsidized public transport ticket
• Flexible working hours
• An annual salary according to E13 TV-L (http://oeffentlicher-dienst.info/tv-l/west/), depending on personal prerequisites, and the usual social benefits of the public sector

The University of Mannheim is an equal opportunity employer. Candidates with disabilities will be given preference in case of equal qualification. The University of Mannheim seeks to increase the percentage of its female employees. Thus, qualified women are especially encouraged to apply.

Applications should be sent via email or postal mail until 31.05.2019 to the

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

For any subject-related questions please contact Dr. Annette Klein (annette.klein@bib.uni-mannheim.de).

Information on the processing of personal data according to article 13 of the GDPR is provided on our website, section „Employment Opportunities“

Please be aware that breach of confidentiality and unauthorized access by a third party cannot be excluded for a communication without encryption. The submitted documents will be sent back only if a stamped addressed envelope is enclosed. Otherwise they will be deleted after completion of the application procedure according to the laws of data protection. Electronic applications will be deleted appropriately.