



The Berlin-Brandenburg Academy of Sciences and Humanities (BBAW) is a public corporation based in Berlin. Its academic profile is characterized above all by long-term basic research in the humanities and cultural sciences. The Academy employs around 350 staff and has an annual budget of around 25 million euros.

For the DFG-funded project "EVIDENCE: Computer-assisted interactive extraction of good dictionary examples from large corpora", the "Language Center" of the BBAW invites applications for the position of a

researcher (software developer)

100% full-time position, for a duration of 3 years.

- Responsibilities:**
- design and implementation of software systems (**Full-Stack**) for the interactive selection and evaluation of examples for headwords from millions of documents collected in a large corpus at the BBAW Language Center
 - **collaboration with data scientists** to develop and integrate machine learning methods (active preference learning) to support lexicographic work in the selection and evaluation of examples
 - collaboration with the IT team of the Language Center in the further **development and scaling of data-holding systems**, especially in the administration of one of the largest scientific text corpora in German language.

- Qualifications:**
- **a university degree (MA)** in computer science, computational linguistics, digital humanities or an equivalent subject
 - experience in software development **using Python and/or JVM-based languages** (Java, Scala, Clojure etc.)
 - solid knowledge of development of **web-based user interfaces** and corresponding technologies (HTML5, CSS, ECMAScript etc.)
 - knowledge of **linguistic data processing**, in particular experience in annotation, indexing and management of language corpora, is desired
 - very good knowledge of the English or the German language
 - very good communication and team skills.

- What we offer:**
- versatile scientific work in an interdisciplinary team (linguistics, lexicography, computational linguistics and computer science) at the BBAW Language Center
 - attractive opportunities for further scientific development in the active digital humanities environment of the BBAW
 - a prestigious workplace at an institution rich in tradition in the middle of Berlin.

The remuneration will be paid in accordance with remuneration group 13 TV-L Berlin (Berlin public service salary scale). Workplace is Berlin.

The Academy is an equal opportunity employer and particularly welcomes applications from women and applicants with a migration background. Applicants with severe disabilities and equally qualified will be given preference.

Please send your application file in PDF format (one file) not exceeding 5 MB in size via e-mail with the **subject "EVIDENCE/01/2020 - Application IT-SE"** no later than March 23rd, 2020 to:

Berlin-Brandenburgische Akademie der Wissenschaften
Referat Personal und Recht
Frau Ines Hanke
Jägerstr. 22/23, 10117 Berlin
personalstelle@bbaw.de

If you have any questions, please do not hesitate to contact dwds@bbaw.de.

Application documents can only be returned if a franked envelope is attached.