

The German Institute for International Educational Research (DIPF) is a national centre for educational research and educational information; it is jointly funded by the federal government and the federal states. DIPF is a member of the Leibniz Association operating from locations in Frankfurt am Main and Berlin, with around 300 employees.

The interdepartmental research and service structure “Technology-Based Assessment“ (TBA Centre) serves empirical educational research across Germany and it is integrated into international research and application projects.

For the Computer Science team of the Information Center for Education (IZB) at DIPF, regarding tasks in the TBA Centre, we are seeking to employ a

**Senior Software Engineer
at the earliest opportunity**

(full time, permanent, monthly salary based on EG 14 TV-H*)

for the location in Frankfurt am Main.

Your tasks:

- Planning, co-ordination, acquisition and management of software development projects at the TBA Centre, also in co-operation with national and international partners
- Technical guidance and co-ordination of software developers
- Further conceptual development of existing TBA software and respective quality assurance, user concepts
- Advice to science institutions regarding planning and operations of IT projects at the TBA Centre
- Advice regarding planning and operations of national and international TBA projects
- Independent research on TBA-related topics and possible further qualification

Requirements:

- An excellent university degree and doctoral degree in Computer Science or comparable subjects
- Leadership experience and co-ordination skills regarding complex, distributed software development
- Very good software engineering skills and experience
- An interest in, and knowledge of, Open Source software development
- knowledge/experience in several of the following areas:
 - Assessment technology
 - Database systems
 - Data Science (e.g. process mining)
 - Semantic Web standards (RDF/S, OWL)
 - Web services
 - Cryptography
- Demonstrated communication skills, ability to work in a team and social skills
- Demonstrated management skills
- Experience in personnel guidance, team leadership
- Personal commitment and readiness to co-operate
- Very good English language skills, written and spoken
- Readiness to become acquainted with TBA specifics



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- Distinctive skills and readiness regarding interdisciplinary collaboration, i.e. disciplines that are relevant to TBA (e.g. educational research, psychometrics)
- Readiness to travel (national and international)

We offer a demanding and challenging environment, a modern workplace, good conditions for balancing work and family life, and a pleasant work atmosphere.

Women are especially encouraged to apply. Applicants will principally be able to work part-time provided that job-related requirements are appropriately considered". Equally qualified people with disabilities will be particularly considered.

Please submit your application and standard documents – preferably in electronic format in a single pdf file - quoting the **reference number IZB 2017-05. The closing date is 08.08.2017.** Applications should be addressed to the Deputy Executive Director of DIPF, Professor Dr. Marc Rittberger, DIPF, PO Box 900270, 60442 Frankfurt/Main (bewerbung-izb@dipf.de). You will find general information on the website of the TBA Centre (<http://tba.dipf.de/>), and the website of the Information Center for Education. Any further enquiry should be addressed to the Director of the Information Center for Education, Professor Dr. Marc Rittberger (069-24708327).

* Labour agreement for public service in the state of Hesse

