17.05.2018

The Zuse Institute Berlin (ZIB) is a non-university research institute under public law of the state of Berlin. The division "Mathematics for Life and Materials Sciences" is offering a

research position as
software developer (f/m)
reference code WA 26/18
pay grade E 13 TV-L Berlin (100%)

in the department "Visual Data Analysis". The position is offered at the earliest possible date and will be a fixed-term contract until December 31, 2019 with the option to be extended.

Job description

You will work as a software developer in a technology transfer project. The goal of this project is the integration of new algorithms developed in the department "Visual Data Analysis" into the commercial versions of Amira and Avizo to guarantee a long-term maintenance of research results as a basis for future research. You will be responsible for the integration in the sense of software development, thereby working closely together with our cooperation partner.

Primary tasks:

- production of clean, efficient and documented code
- code refactoring
- troubleshooting and debugging of existing software
- synchronization of code bases
- support of researchers in developing software
- maintenance and advancement of our software development infrastructure (continuous integration and continuous delivery)

We expect communication and teamwork skills as well as a high degree of independence and commitment. We offer a challenging professional environment with excellent equipment and a friendly working atmosphere.

Requirements:

- master's degree in computer science, physics or mathematics
- experience as a software developer or similar role
- a very strong background in (object-oriented) software development with C++ and the version control system git
- good knowledge of Linux
- knowledge and experience in the development of visualization systems and/or computer visualization and graphics is of particular advantage
- analytical skills, especially for troubleshooting
- good command of spoken and written English

The candidature of women is encouraged. Since women are underrepresented in information technology, ZIB is trying to increase the proportion of women in this field.

Persons with disabilities will be given preference when equally qualified.

Please send your application, quoting the reference code **WA 26/18**, including a CV in tabular form and all relevant documents by June 17th, 2018 (date of receipt) to

Zuse Institute Berlin (ZIB)
- Administration -
Takustr. 7
14195 Berlin

or electronically as pdf to: jobs@zib.de.

Further information about the position can be obtained on our website www.zib.de or from Dr. Daniel Baum (baum@zib.de), as well as Dr. Andrea Kratz (kratz@zib.de).

For further job offers please visit our website www.zib.de.