Are you interested in an exciting student job in applied research?
Then the ZIB is the place to be!
Become part of our international team!

April 18th 2024

The Zuse Institute Berlin (ZIB) is a non-university research institute under public law of the state of Berlin. We conduct research and development in applied mathematics and practical computer science as well as analysis and processing of complex data in connection with high-performance computing.

The research group "Visual Data Analysis" is looking for a

Student Assistant (f/m/d)
for the visualization of Millennia-old folded Papyrus documents
Reference Code: SH 04/24
(60 hrs/month)

starting as soon as possible. This offer is initially limited for a period of 18 months with a possibility of an extension.

The interdisciplinary research project entitled "Virtual Unfolding and Visualization of Folded Papyrus Packages" is concerned with the computer-aided analysis of millennia-old papyrus documents in order to make their written content visible. We are looking for support for the further development of our raycasting-based volume renderer for thin-layer structures in image data. Please have a look at our publication entitled "[Thin-Volume Visualization on Curved Domains](#)".

Your Profile

- Bachelor's or Master's student in one of the subjects computer science, mathematics or physics
- Interest in computer graphics and interdisciplinary research
- Experience in programming with shaders (OpenGL, WebGL, others)
- Good communication skills in German or English

Additionally we expect the ability to work in a team as well as a high degree of independence and commitment.

We offer

active introductory training in a small and motivated team in addition to a flexible working environment with the possibility of mobile work. The employment is based on the collective agreement for student employees with 41-80 hours/month and is limited to 18 months (with an option for extension). We will support a possible master's thesis based on this work.

Female applicants are highly encouraged to apply. Since women are underrepresented in information technology, the ZIB is trying to increase the proportion of women in this research area.

Applicants with disabilities will be given preference if equally qualified.

Please send your full application, quoting the reference code **SH 04/24**, including CV and the standard supporting documents as well as your certificate of matriculation in pdf-format **(one file)** by **16th May 2024** (date of receipt) to: jobs@zib.de

Our private policy statement regarding application data is available at www.zib.de/impressum.

For further information about the position, please refer to our website www.zib.de or contact Dr. Daniel Baum (baum@zib.de).

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