



Are you looking for an employer you can count on? Join us!

We are looking to fill a position for our Service infrastructure for scientific computation and data processing:

IT-Spezialist:in / Systemingenieur:in (f/m/d) Web based User Interface

Your Role and Responsibilities:

- evaluation of candidates for implementing a web-based user interface (e.g. OpenOnDemand, Jupyterhub) with respect to
 - integration of service infrastructures from HPC, Remote Visualization, Artificial Intelligence, Data Analysis and Management
 - usability and efficiency of interface components for scientific data import and export
 - maintainability with respect to functional and security-related aspects
 - integrability with LRZ's (multi-factor) authentication infrastructure
 - adapting the user interface structure based on permission flags stored in the LRZ user management database
- for the selected candidate
 - design a production-level user interface for the above-mentioned service infrastructures
 - implement that user interface based on findings and requirements derived from the evaluation phase
 - establish both operational and security concepts
 - transfer the service to user operation
 - provide support for integrating pre-existing service components

Basic Qualifications:

- knowledge in the area of web-based user interfaces and their implementation technologies. Server front-end (e.g. Apache), back-end (e.g. Nginx) experience.
- knowledge of web-oriented scripting languages and deployment concepts

Further useful Qualifications:

- basic knowledge in the area of authentication technologies and LDAP (object-oriented databases)
- basic knowledge of the Linux/UNIX system environment
- basic knowledge with HPC, AI/ML, Visualization, SLURM scheduling

Area	Hochleistungssysteme / HPC
Working time	full time (40,1 hrs) flexible working model with electronic time recording
Term of the contract	24 months, a further employment is intended
Remuneration	possible until E 13, see Entgeltabelle TV-L
Annual leave / compensatory time off	30 days (24.12. + 31.12. additionally day off) Overtime is compensated by additional time off
Further trainings	Individual support for in-service training and further education
Benefits	e.g. home office option, public transport discount (job ticket), bus and subway (U6) on the doorstep, free parking, pension plan of the Versorgungsanstalt des Bundes und der Länder (VBL), state-of-the-art work equipment

What can you find with us?

Are you looking for a multifaceted and intellectually stimulating position in a dynamic, cooperative and innovative work environment? Then LRZ is the place to be for you! Here at LRZ a collegial, appreciative work environment meets an international crowd of experts who work together to advance IT services for ground-breaking research. We offer flexible work schemes for an optimal work-life balance. Our staff values their creative leeway. As an institute of the Bavarian Academy of Sciences and Humanities we offer all the benefits of public service. And of course, no wishes remain unfulfilled at the LRZ in terms of technical equipment. We actively promote diversity and welcome applications from talented individuals, regardless of cultural background, nationality, ethnicity, gender and sexual identity, physical abilities, religion and age. We give priority to applications from people with disabilities who are equally qualified (SGB IX).

The LRZ in a nutshell:

Since 1962, Bavarian universities and research institutions have relied on the IT expertise of the Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities. When it comes to the digitisation of science, we are traditionally ahead of the game.



We are looking forward to receiving your complete application documents (including cover letter, CV and certificates) in a single PDF file via e-mail (other file types are not accepted) by latest **31.08.2022**:

E-Mail: jobs@lrz.de
Subject: **WebGUI (2022/44)**

Are you unsure whether the job suits you or you suit us? Or do you still have questions about this position? Our colleagues will be happy to answer all your questions at the above e-mail address.

This job does not fit? Then take a look at <https://www.lrz.de/wir/stellen/> or send us an unsolicited application!

[Here](#) you will find information about the collection of personal data during the application process.