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

We are looking to expand our team dealing with experimental AI (accelerator) systems.

System Engineer/Administrator (m/f/d)
for Experimental AI Accelerator Systems

This is what you can expect from us:

- Access to latest AI and high-performance computing hardware (AI accelerators, GPUs, CPUs)
- Contact with technology providers and developers (hardware/software)
- User projects with novel approaches
- National and European collaboration partners and projects
- Friendly, open and international work environment
- Opportunities to develop your own ideas

This is what we expect from you

- Proficiency working in Linux environments
- Considerable knowledge in one or more of these areas:
    - Administration of High Performance Systems (for AI and Data Analytics) which includes amongst others
        - Workload Management/Scheduling (e.g. Slurm, etc.)
        - Low latency fabrics (e.g. InfiniBand) and Ethernet
        - Fabric attached high-performance storage (e.g. GPFS, NFS, RDMA)
    - Management of cluster systems
    - Authentication/Authorization (e.g. LDAP, Shibboleth, Keycloak, etc.)
- Comfortable using automated tools for deployment and configuration management (i.e. infrastructure as code, e.g. Ansible, Terraform), but not afraid to script on CLI, either
- Practical knowledge in architecting/designing, deploying and maintaining software and hardware systems based on components/technologies as listed above
- Friendly contact with colleagues/collaboration partners, and where necessary with users in higher level support
- Good German and/or English writing and presentation skills
- University degree in computer or data science, or other areas of scientific computing, or at least 3 years of practical experience in system administration/engineering

These additional skills are appreciated:

- Git, GitLab, CI/CD
- Machine Learning/AI: Application, frameworks, methods
- OS-level virtualization/containerization

Area	High Performance Systems
Working time	full-time (40 hrs) / part-time possible Flexible working time model with electronic time recording
Term of the contract	24 months, with extension pending
Remuneration	up to E13, see Entgelttabelle 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
Mobile work	up to 60% of work time, when applicable
Benefits	e.g. home office option, 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 varied and challenging job in a dynamic, cooperative and innovative working environment? Then the LRZ is the right place for you!

Exciting tasks in the service of research, a collegial, appreciative working environment, an international, stimulating, diverse corporate climate; flexible working for an optimal work-life balance and a lot of creative freedom: that is the standard at our centre.

In addition, we offer all the benefits of public service in our computer centre, which is equipped with the most modern components and also offer all the advantages of the public sector.

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 if they are equally qualified (keyword 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 digital transformation 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 **28.11.2023**:

> E-Mail: jobs@lrz.de
> Betreff: **System Engineer/Administrator (2023/45)**

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.