



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

Scientific Programmer (f/m/d) for IoT Research Projects

Your Role and Responsibilities:

- participation in real time IoT data collection via LoRaWAN, TTN, and MQTT
- definition and implementation of REST APIs for exchange of IoT sensor data
- design and implementation of a web-based user interface to InfluxDB using Grafana
- extension of automatic monitoring of data delivery and alerting with Prometheus
- virtual server management in the LRZ Compute Cloud using Ansible

Your Qualifications:

- experience programming in Python, shell, C,
- fluency in working on Linux systems and managing Linux servers,
- familiarity with InfluxDB, Grafana, Prometheus, Ansible, Keycloak

Area	Research - Environmental Computing Team
Working time	full time (40,1 Std) flexible working model with electronic time recording
Term of the contract	31.03.2024, a further employment is intended
Remuneration	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 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 company.

In addition, we offer all the benefits of public service in our data center, which is equipped with the latest components. We also offer all the benefits of public service. 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 Computing Center of the Bavarian Academy of Sciences.

When it comes to the digitization of science, we are traditionally ahead of the game.

You can count on us! Can we count on you?

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 **10.03.2022**:

E-Mail: jobs@lrz.de

Subject: **SPRT (2022/11)**

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.