Barkhausen Institut gGmbH - Internet der Dinge

The Barkhausen Institut, founded in Dresden in 2018, is the German IoT institute. We do research on cutting edge connected technologies and demonstrate their application in the society of tomorrow. Our goal is to build a secure and flexible IoT platform capable of transforming anything into something connected. The Connected Robotics Lab merges the results of our research and strives to build compelling demos and visualizations. We aim at showcasing 5G and IoT technologies in realistic real-world applications. With a very flat hierarchy as well as an agile team we provide the perfect environment for you to bring in your ideas. We value communication and teamwork to accomplish our ambitious goals together.

RF and Lab Engineer (m/f/d)

City: Dresden; Starting Date: At the earliest possible; Renumeration: Remuneration is dependent on degree and suitable work experience.; Reference number: LAB-ING-2022

Working field
What you will do
• Plan, document, implement and extend our RF measurement testbed facilities
• Implement, document, integrate and test software for new measurement hardware and automations
• Interpret and debug RF and DSP measurement results
• Setup new RF measurement configurations for our researchers

Requirements
Your Profile
• University Degree in appropriate field (Electrical Engineering, Software Engineering or comparable)
• Hands-on experience with RF devices, like spectrum analyzers, oscilloscopes, USRPs, PXI
• Advanced knowledge in C++, Python and preferably LabView
• Experience with UHD/GnuRadio, digital signal processing, RF impairments, soldering and lab management are advantageous
• Experience in software architecture, automated testing, continuous integration and version control (Git)
• Open to present and communicate our results to the broad public
• Very good communication skills in English or German

You are interested, but you don’t think you meet all the requirements of the job posting? Then you should know: We don’t hire resumes, we hire people. We are looking for potential and want to actively foster it. That’s why we encourage you to apply!
What We Offer
What we provide
• An open and creative team
• Agile working hours and workflows
• Cross-disciplinary projects
• Work on future technologies
• Flat hierarchies for your ideas and flexible teams

If you have passion for new technologies and the desire to develop the connected world of tomorrow with us, we are looking for you.
Life and science are compatible at our institute. We offer a range of recognised family-friendly measures, such as part-time work, mobile working and flexible working hours that take family needs into account.

Application
Application Procedure
Your application should include: motivation letter, CV, copy of university degree certificate, short summary of Master/PhD thesis.

Applications from women are particularly welcome. We only accept complete documents as one single PDF document by e-mail to careers@barkhauseninstitut.org. Please reference LAB-ING-2022 in the subject line. Applications that contain other file formats (e.g. Word, Excel) will not be considered in the selection process. Informal inquiries can also be submitted to the same address.

The data submitted by you in the course of the application procedure will be processed by the Barkhausen Institut (BI). BI shall use the data for the purposes of the application procedure. No data shall be passed on to third parties.

More information at https://stellenticket.de/157973/DDC/
Offer visible until 24/12/22