



Technische Universität Berlin



Research Assistant - salary grade E13 TV-L Berliner Hochschulen - for qualification

part-time employment may be possible

Faculty IV - Electrical Engineering and Computer Science, Institute of Software Engineering and Theoretical Computer Science / Quantum Communication and Cryptography

Reference number: IV-478/25 (starting at 01/01/26 / until 27/10/27 / closing date for applications 13/11/25)

Your responsibility:

- Research in Measurement-Based Quantum Computation (MBQC).
- Exploration of variational algorithms and optimization.
- Development of quantum software for compiling and pattern optimization.
- Intensive collaboration with experimental groups and industry.
- Organization of outreach activities, such as workshops and public events.
- Support with teaching and administrative tasks
- Teaching tasks

Your profile:

- Successfully completed university degree (Master, Diplom or equivalent) in the field of computer science or physics
- The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills
- Extensive Knowledge of Quantum Computing and Benchmarking
- Experience in Python
- Knowledge of LaTeX
- Desired knowledge of Measurement-Based Quantum Computation and compiling
- Desirable experience with Quantum software tools
- Willingness to travel abroad for workshops and conferences is desired
- Teamwork is desired

How to apply:

Please send your written application including the **reference number** and regular application documents (CV and certificates) by E-Mail to **anna.pappa@tu-berlin.de**.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

The vacancy is also available on the internet at:
<https://www.jobs.tu-berlin.de>

