Fraunhofer-Institute for Open Communication Systems FOKUS

Fraunhofer FOKUS

The Fraunhofer-Gesellschaft (www.fraunhofer.com) is one of the world's leading organizations for application-oriented research. 74 institutes develop pioneering technologies for our economy and society – more precisely: 30 000 people from technology, science, administration and IT. They know: Anyone who comes to Fraunhofer wants to and can make a difference. For themselves, for us and for the markets of today and tomorrow. The Fraunhofer Institute for Open Communication Systems FOKUS is one of the largest ICT institutes within the Fraunhofer Society. We work in an interdisciplinary manner, with colleagues from more than 30 countries, and we are pleased that an increasing number of women are helping us shape the digital future. To strengthen our team "Quality Engineering for Urban ICT and Quantum Computing" within the business unit "Quality Engineering" (SQC), we are looking for Student Assistants / Student Workers in the field of Quantum Computing, starting at the earliest possible date.

Student Assistant / Student Worker in Quantum Computing

86105

City: Berlin; Starting date (earliest): At the earliest possible; Duration: The contract is for one year. In principle, we are interested in a longer-term collaboration.;
Remuneration: The remuneration is based on your progress in your studies and ranges from €18.06 to €18.78 per hour.; Reference number: 86105; Closing date: 18/11/26

Tasks

- You will support the further development of Eclipse Qrisp as well as the implementation of new quantum algorithms in Eclipse Qrisp.
- You will assist in the application of the algorithms to specific use cases.
- You will conduct literature research and take care of the description of methods, products, and technologies within the project work.

Requirements

- You are a student of mathematics, physics, or a comparable field of study.
- You already have advanced knowledge in Python.
- You also have advanced knowledge and skills in linear algebra and quantum computing.
- You are a team player, reliable, communicative, and meticulous.
- You complete tasks independently, with a sense of responsibility, and in a solution-oriented manner.
- You have good to very good German and English language skills.

What we offer

- Flexible working hours and the possibility of hybrid working
- Barrier-free building with bicycle storage and public transport connections right outside the door

- Discounts on numerous well-known providers through Corporate Benefits
- A practical, study-related activity in an innovative and modern working environment
- Support for your bachelor's or master's thesis

Application

Your workplace is located at Kaiserin-Augusta-Allee 31, 10589 Berlin-Charlottenburg.

This position is also available on a part-time basis. We value and promote the diversity of our employees' skills and therefore welcome all applications – regardless of age, gender, nationality, ethnic and social origin, religion, ideology, disability, sexual orientation and identity. Severely disabled persons are given preference in the event of equal suitability. Our tasks are diverse and adaptable – for applicants with disabilities, we work together to find solutions that best promote their abilities. Remuneration according to the general works agreement for employing assistant staff.

With its focus on developing key technologies that are vital for the future and enabling the commercial utilization of this work by business and industry, Fraunhofer plays a central role in the innovation process. As a pioneer and catalyst for groundbreaking developments and scientific excellence, Fraunhofer helps shape society now and in the future.

Ready for a change? Then apply now and make a difference! Once we have received your online application, you will receive an automatic confirmation of receipt. We will then get back to you as soon as possible and let you know what happens next.

https://jobs.fraunhofer.de/job-invite/86105/

More information at https://stellenticket.de/208464/BEUTH/
Offer visible until 18/11/26