Job Announcement

The University of Potsdam was founded in 1991 and has firmly established itself within the scientific landscape and developed into an outstanding economic factor and growth engine for the region. The University of Potsdam excels in acquiring third-party funds, has received multiple teaching awards, has a very service-oriented administration, and has been honored several times for its family-friendly culture. About 21,000 students and 3,000 employees study and work at three campuses – Am Neuen Palais, Griebnitzsee and Golm – at one of Germany's most scenic institutions of higher education.

The Faculty of Science/Institute of Computer Science at the **University of Potsdam** invites applications for the following position initially limited to 24 months, which will be filled **as soon as possible**:

<div align="center">

Academic Staff Member (f/m/d)
ID no. 315/2024

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The successful candidate will work 40 hours per week (100 %). The position is classified within remuneration group 13 of the collective wage agreement among the German states (TV-L). The fixed term of employment is in accordance with Section 2 subsection 1 of the German Act on Fixed-Term Employment Contracts in Science and Academia (Wissenschaftszeitver-tragsgesetz or WissZeitVG). If necessary, an extension is possible if personal and legal requirements are met.

Your Field of Work:
Aggregating and processing data (Big Data) at a centralized cloud platform is not adequate to meet the requirements of modern applications (e.g., IoT-enabled applications). Geographically distributed resources throughout the network including routers, fog nodes, edge devices, and back-end data centers can all be leveraged for compute and storage. The focus of this research will be development of large-scale middleware platforms across geo-distributed networks that facilitate realization of modern applications. In particular, the research topics to focus on are event-based communication, stream/complex event processing (CEP), and frameworks for data analytics.
Further details on the field of work can be found here:
https://www.cs.uni-potsdam.de/~bhowmik/research/

The Scope of Your Responsibilities:
- Independent research and corresponding specialization with a qualification
- Participation in the research work of the professorship, especially in the area of distributed networked systems and middleware systems
- Teaching responsibilities including preparation of exercises, teaching material, websites for the courses
- Further professional development through self-study, conference attendance, scientific contacts

At least one third of the working time is available for in-depth academic work with the aim of obtaining a qualification.

The teaching load is based on the currently valid requirements of the Lehrverpflichtungsverordnung (LehrVV) of the State of Brandenburg and the regulation for calculating the teaching load adopted by the Senate of the University of Potsdam. The position is assigned to the group of academic staff "with a focus on research".

Your Qualifications:
- Master's degree (or equivalent) in Computer Science
- Sufficient knowledge in the area of distributed systems and computer networks
- Sufficient programing skills in C, C++/Java/Python

What We Offer:
As a university, we combine the strong potential for development of a teaching and research institution with the attractive working conditions of the public sector. The University of Potsdam is a reliable employer that supports its employees with a variety of offers and benefits:
- Make the most of the various continuing education and networking opportunities offered by the University of Potsdam to refine your subject-specific and interdisciplinary competencies for professional as well as personal growth.
- All campuses have good transport connections. You can receive a monthly subsidy for the public transport job ticket and use our campus bicycles.
- Benefit from a company pension scheme, a special annual payment, and capital-forming benefits.
- Take advantage of the various offers from our Occupational Health Management unit as well as the Academic Sports Center.
- To improve employees' work-life balance, the University of Potsdam offers flexible working hours and a defined share of remote working hours (e.g. work from home). You have 30 vacation days per year and are also exempt from work on December 24 and 31. Our Service for Families can advise you on how to better balance work and family life.

You can find more information about working at the University of Potsdam at
https://www.uni-potsdam.de/de/arbeiten-an-der-up/arbeitgeberin/uebersicht

For more information about this position, please contact Ms. Bhowmik by email: sukanya.bhowmik@uni-potsdam.de

Your Application
Please send us your application **by the deadline of May 01, 2024** and provide the **ID no. 315/2024**, preferably by email to sukanya.bhowmik@uni-potsdam.de or through the postal system to the University of Potsdam, Institute of Computer Science, Prof. Dr. Bhowmik, An der Bahn 2, 14476 Potsdam.
If you completed higher education qualifications outside the EU, please submit a German translation and the assessment of the Central Office for Foreign Education (Zentralstelle für ausländisches Bildungswesen – ZAB) . Alternatively, please send us a PDF file from the data-base for the recognition and assessment of foreign higher education certificates (ANABIN).

The University of Potsdam values the diversity of its community and pursues the goals of equal opportunity regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. Applications from abroad and from persons with an immigrant background are expressly encouraged. The university strives for a balanced gender ratio in all employment groups; in areas where women are underrepresented, women are given preference in case of equal suitability (Section 7 paragraph 4 of the Brandenburg Higher Education Act). People with disabilities are given preferential consideration in cases of equal qualifications. In aptitude tests and selection interviews, individual disadvantage compensations are granted that are appropriate to their disability. If a person with a disability would like to make use of individual disadvantage compensation, please state this in the application letter.

If you would like for us to return your application documents, please enclose a self-addressed stamped envelope with sufficient postage.

Potsdam, April 12, 2024