The University of Passau enjoys high visibility and a good reputation thanks to its excellent research, innovative teaching and dense international network. Around 11,000 students from 100 nations and over 1,300 employees study and work near the old town on a campus that combines state-of-the-art technical infrastructure with an award-winning urban development. Internationally successful high-tech companies and a lively start-up scene, coupled with rich culture and Lower Bavarian tradition, lend the city and region a radiance and contribute to the excellent quality of work and life.

To support excellent research and teaching, the Chair of Software Engineering I (Professor Dr.-Ing. Christian Hammer) is seeking to fill the position of a

Research Assistant (m/f/d)

with 100 percent of regular working hours for a limited period of three years. Remuneration will be in accordance with pay group 13 of the TV-L. There is the possibility of an extension if the personal and pay scale requirements are met.

Your tasks

The Software Engineering group conducts research on various aspects of mobile and browser security and privacy protection as well as related program analyses. Topics of particular interest include information flow control, static program analysis, runtime monitoring, programming language design, and basic and applied research for Android (Java) and JavaScript.

Recruitment requirements

You must have completed (or be close to completing) a university Master's degree in Computer Science or closely related research disciplines with outstanding grades. Top candidates will be able to demonstrate knowledge in most of the following areas. You should apply with expertise in at least two areas:

- Program analysis (static / dynamic)
- Compiler / VM technology
- Programming languages and their semantics
- Language-based security or
- Interactive theorem provers

As teaching is to take place in Bachelor courses, which according to the module catalogue must be held in German, a good knowledge of German is desirable.

Our group actively supports collaboration with other research centers worldwide. We offer young researchers an interesting, varied and challenging job in a scientific environment on a modern university campus just a few minutes' walk from the historic old town and idyllically situated near the Inn river.
The University of Passau has set itself the goal of increasing its proportion of women and strongly encourages women to apply. Part-time employment is possible, provided that several suitably qualified part-time employees apply and complement each other.

The position is suitable for people with severe disabilities. When recruiting, they have priority over persons who are not legally entitled to preferential treatment if they have essentially the same aptitude, qualifications and professional performance.

If you have any questions, please contact Professor Dr. Christian Hammer: E-Mail christian.hammer@uni-passau.de.

Please send your application by e-mail with meaningful documents (in particular school and training certificates, references) only in PDF format as one file (subject: Application_Software_Engineering_Surname) to christian.hammer@uni-passau.de by 31 January 2024. We will delete these no later than six months after completion of the application process.

We refer to our data protection information, which is available on the following page: http://www.uni-passau.de/universitaet/stellenangebote/

Only the German version of this vacancy announcement is legally binding.