UNIVERSITÄT PADERBORN
Die Universität der Informationsgesellschaft

The Software Technology Group is looking for a

Post-doctoral Research Assistant
(pay scale 13 TV-L or 14 TV-L, depending on responsibilities and qualifications)

The initial employment term for this full-time position is for three years, with the possibility of an extension. The position is limited to the duration of the qualification procedure in the field of Software Technology (according to WissZeitVG).

The Software Technology Group is developing tools and methods that make tomorrow's systems safer, more functional, and more secure. Our practical research involves collaborations with renowned international partners from the scientific community, the political sector, as well as industry, and several tools that have been developed by the group are being used by hundreds of research groups and even some Fortune-100 companies. Scientifically, the group is focused on designing automated code-analysis techniques for uncovering security flaws in large-scale applications.

The Software Technology Group is involved in a range of interdisciplinary activities, such as the Fraunhofer Research Institution for *Engineering Mechatronics*, the DFG collaborative research center 901 *On-the-fly computing,* two *NRW research training groups* and the excellence cluster *it's owl.*

We are looking for researchers who have completed their Ph.D. in either IT-Security, Software Engineering or Programming Languages, and who wish to further qualify for a career as an academic or industrial researcher. To aid in this qualification, we offer a variety of opportunities in research, education or academic governance, where desired supported by professional coaches. Applicants should have an interest in supporting doctoral students in their scientific work, as well as in strengthening their teaching skills.

Your responsibilities:
- Collaborating with doctoral students on research related to their theses
- Advancing the applicant's and the group's teaching portfolio
- Supporting the development and writing of grant proposals

What we require of applicants:
- Completed Ph.D. in the areas of IT-Security, Software Engineering or Programming Languages
- Multiple publications at reputable international conferences or journals
- Very good command of written and spoken German *or* English

We offer:
- Further education with respect to a career as academic or industrial researcher, where desired with the support of professional coaches
- Time and guidance in the development of your own research profile
- Exciting, highly relevant research topics with direct transfer into practice
- A cooperative working environment that invites you to be creative

Applications from women are particularly welcome and, in case of equal qualifications and experience, will receive preferential treatment according to state law (LGG). Qualified disabled people (in the sense of the German social law SGB IX) are also encouraged to apply. The positions are full positions but part-time employment is possible in general.

Please send your application, including a cover letter, your CV, list of publications and the contact data of at least two references, by e-mail (**Subject: PostDoc17**) with the **Reference No. 3136** to:

Prof. Dr. Eric Bodden
se-jobs.cs@upb.de, subject: PostDoc17

Informal inquiries should be directed to the above
e-mail address.

TOTAL E-QUALITY

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