Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities. **Join us to invent the future!**

The **Faculty of Computer Science, Electrical Engineering and Mathematics** – at the Department of Computer Science – in the field of **Secure Software Engineering** is looking to fill a position as a

Post-Research Assistant (f/m/d)
(Salary level according to 14 TV-L)

with 100 % of the regular working hours. This is a qualification position within the meaning of the German Act on Fixed-Term Research Employment Contracts for Academic Staff (Wissenschaftszeitvertragsgesetz "WissZeitVG"), which serves to promote a postdoctoral procedure in the field of secure software engineering. The position is, depending on the qualification achieved to date, initially limited for a period of three years. An extension is possible in principle within the time limits of the "WissZeitVG".

The Secure Software Engineering group develops methods and tools to make tomorrow's hardware and software systems functional, fail-safe and attack-proof. The research is carried out in an applied manner, in cooperation with renowned international partners from science, politics and business. One focus of the group is the design of automated procedures to detect software vulnerabilities. Some of the software tools developed at the group are used by hundreds of research groups and companies worldwide. The group is embedded in an interdisciplinary research landscape, with connections to the Paderborn Fraunhofer Institute for Mechatronics Design (IEM), a NRW Research Training Group and the it's owl leading-edge cluster.

We are looking for scientists with a completed doctorate degree in the fields of IT security, software engineering or programming languages who would like to further qualify themselves for a career in academic or industrial research. For this further qualification, we offer diverse opportunities, also accompanied by professional coaches, in the area of research, teaching and academic self-administration. Applicants should be interested in supporting doctoral students in their scientific work and in further developing their own teaching skills.

Duties and responsibilities:
- Cooperation with doctoral students regarding their doctoral research
- Further development of own research and teaching as well as that of the subject area with a teaching obligation of usually 4 SWS
- Collaboration in the design and formulation of scientific funding proposals
- Conducting additional challenging assigned tasks in independent research and project management

Recruitment requirements:
- Scientific university degree (Master) and completed doctorate in the fields of software engineering, programming languages or IT security
- Several relevant publications at renowned international conferences or specialist journals
- Very good knowledge of written and spoken German or English

We offer:
- Flexible working hours and the individual option of mobile working
- Wide range of health, counseling and prevention services
- Attractive fringe benefits such as childcare facilities and sports activities
- Opportunities for internal and external training and development
- Additional benefits in accordance with the collective agreement of the federal states (TV-L), such as annual bonuses and capital-forming benefits as well as the VBL supplementary pension scheme

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Please send your application documents (including cover letter, curriculum vitae, list of publications and contact details of at least two references) preferably in a single pdf file) using the **Ref. No. 7198** to se-jobs.cs@uni-paderborn.de.

Information regarding the processing of your personal data can be located at:
https://www.uni-paderborn.de/en/zv/personaldatenschutz.

Prof. Dr. Eric Bodden
Faculty of Computer Science, Electrical Engineering and Mathematics
Department of Computer Science
Warburger Str. 100
33098 Paderborn

HR EXCELLENCE IN RESEARCH

TOTAL E-QUALITY DIVERSITY

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