Paderborn University is a high-performance and internationally oriented university with approximately 20,000 students. 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 more than 2,300 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

The Faculty of Electrical Engineering, Computer Science and Mathematics – Institute of Computer Science – System Security – has two open positions for a

Research Assistant (f/m/d) (salary is according to TV-L 13).

The position is available immediately. It is a full-time qualification position (according to the Wissenschaftszeitvertragsgesetz (WissZeitVG)) in the field of System Security. The initial contract is for three years. An extension to finish the PhD is possible in accordance with the rules of the WissZeitVG.

Your duties and responsibilities:
• Research in the areas of applied cryptography and IT security
• Participation in the teaching tasks of the research group and the institute of computer science in the amount of 4 hours/week

In return, we provide a relaxed and inspiring working atmosphere allowing you to address interesting and challenging research problems.

Your profile:
• Academic degree in Informatics, Mathematics, or a related area; ideally (but not mandatory) with a specialization in the area of IT security or cryptography
• High interest in research in IT security or applied cryptography
• Solid know-how in at least one of these areas:
  - Applied cryptography (e.g., protocols like TLS or SSH)
  - System security (e.g., fuzzing, reverse engineering or microarchitectural attacks)
  - Web security
• Readiness to take on responsibility

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are substantial reasons to give preference to another applicant. Part-time employment is, in principle, 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.

Applications with the usual documents and the reference number 4190 should be sent to carmen@upb.de – deadline 02.03.2020

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