Postdoctoral Researcher/Research Associate (f/m/d) in the field of IT-Security

Job description: The "Intelligent System Security" research group works on the application of machine learning in the area of computer security. In particular, we develop methods in the area of application security and system security, as for instance, attack detection or vulnerability discovery in software and embedded devices. Also, the robustness, security, and interpretability of machine learning methods are central to our research.

Area of responsibility:
- Coordination of research efforts in the “Competence Center for Applied Security Technology” (KASTEL)
- Independent research in the field of IT-Security germane/complementary to the research profile of the "Intelligent System Security" research group.

Qualification: You have an exceptional doctorate degree, do nationally and internationally visible research (via respective publications), and strive for distinguishing yourself in a leading role. Next to research in IT-Security (e.g., network security, web security, vulnerability discovery, malware analysis) you are required to have an interest in learning-based systems. Above all, however, you need to show enthusiasm for conducting research on cutting-edge topics in IT-Security and be willing to collaborate within the “Competence Center for Applied Security Technology” (KASTEL).

We offer: We offer an attractive and modern workplace with access to excellent facilities of KIT, diverse and responsible tasks, a wide scope of advanced training options, supplementary pension with the VBL (Pension Authority for Employees in the Public Service Sector), flexible working time models, and a cafeteria/canteen. Moreover, the research group has strong connections to and maintains active collaborations with national and international research facilities.

Salary: The remuneration occurs on the basis of the wage agreement of the civil service in TV-L group 13.

Institute: Institute of Theoretic Computer Sciences (ITI) Research group “Intelligent System Security”

Contract duration: 2 years Extending the contract beyond the initial duration is possible.

Starting date: As soon as possible

Application up to: January 17th 2021
Contact person in line-management:

Feel free to contact Jun.-Prof. Christian Wressnegger (c.wressnegger@kit.edu) for technical details.

Application:

Please send your application including a cover letter, your CV, all certificates/references, and a research statement in electronic form to: applications+postdoc@intellisec.de. Make sure to point out why you are a good fit for us and research in the field of IT-Security.

We prefer to balance the number of female and male employees. Therefore, we kindly encourage female applicants to apply for this job.

Recognized severely disabled persons will be preferred if they are equally qualified.

KIT is certified as a family-friendly university (familienfreundliche Hochschule) and offers part-time employment, leaves for family-related reasons, dual career options, and individual coaching for family-work balance.