PhD Student in the field of Security and Privacy (f/m/d)

Job description: The candidate will perform research in the fields of
- Authentication based on behavioral data from user’s bio-signals (brainwaves, heartbeat)
- Attacks against behavioral data-driven applications
- Behavioral data anonymization techniques to avoid privacy-sensitive inferences

Qualification: Master in Computer Science, Math, Information Technology, or closely related fields.
Good knowledge of IT security, privacy, or machine learning.
Excellent command of the English language, knowing (some) German is useful for the daily life in town, but not required.
Experience in programming is a must, but above all we search for a candidate who is creative and enthusiastic about conducting security and privacy research.

We offer: The possibility to obtain a PhD, collaboration with the best researchers in the field, an excellent working environment that emphasizes cooperation and career building.

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

Institute: KIT/KASTEL/IT Security

Contract duration: 18 months, with the possibility for extension to obtain a PhD

Starting date: as soon as possible

Application up to: Dec 31st, 2020

Contact person in line-management: Dr. Patricia Arias-Cabarcos
Application: Application can be submitted at

Karlsruhe Institute of Technology (KIT)
Thorsten Strufe
Chair of IT Security
Department of Computer Science (50.34)
Am Fasanengarten 5
D-76137 Karlsruhe

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.

Karlsruher Institut für Technologie
Personalservice