Wanted: 
Research Assistant - Identity Management and Privacy Enhancing Technologies

The Fraunhofer AISEC research department Secure Applications and Services (SAS) is developing and testing concepts, solutions as well as testing tools for the development, composition, hardening, provisioning and operation of secure and reliable service oriented architectures and cloud systems.

**Description**

We currently have an opening for a research assistant position. The position includes familiarization in the Identity and Access Management (IAM) and Privacy Enhancing Technologies (PETs) topics. The task involves the analysis and testing of existing technologies in the mentioned areas. The monthly working time is 40 hours, but can be increased on request. Tasks include:

- Analysis and testing of the OAuth2-based protocols OpenID-Connect 1.0 and User Managed Access (UMA)
- Research and evaluation of existing alternative approaches based on Peer-to-Peer technologies (e.g. Blockchain)
- Development of JavaScript and/or Android applications

Existing in-depth knowledge of the topic is not required. Generation of own ideas is desired and creative work is encouraged. If desired and applicable a follow-up thesis topic can be provided.

**Requirements**

- Programming skill and experience
- Interest in the topics Privacy, Data Protection, Digital Identity Management
- Ability to work independently and goal-oriented

**Contact**

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