Faculty of Computer Science

The Institute of Systems Architecture, Chair of Systems Engineering (www.inf.tu-dresden.de/sya) offers a position as

**Research Associate/ PhD Student/ Postdoc**
(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at **May 1, 2021** for the special research field of the European Project **AI-SPRINT** – Artificial Intelligence in Secure PRIvacy-preserving computing coNTinuum.

The position is limited until **December 31, 2023** with the option of extension. The period of employment is governed by the Fixed-Term Research Contracts Act (Wissenschaftszeitvertragsgesetz- WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. PhD or habilitation thesis).

**AI-SPRINT**
AI-SPRINT (www.ai-sprint-project.eu) will define a framework for developing AI applications in computing continua, enabling a finely-tuned tradeoff between performance and AI model accuracy, while providing security and privacy guarantees.

**Tasks:** Independent research in the field of the chair, especially in the field of cloud computing and confidential computing. In this context, the main research areas include the development of software components within the AI-SPRINT-project. The development, publication and presentation of scientific publications at national and international conferences as well as journals are expected.

**Requirements:** very good university degree (M.Sc., Dipl.), - if applicable - PhD in Computer Science or related fields, strong skills in distributed systems, ability to work independently and purposefully in a team; interest in interdisciplinary cooperation in all areas of computer science as well as with industrial partners; fluency in English-written and oral; an integrative and cooperative personality with excellent communication and social skills; high engagement. We search for a personality having practical experiences with various programming languages and concepts.

**What we offer:** You join a team of enthusiastic scientists who creatively pursuit their individual research work.

Applications from women are particularly welcome. The same applies to people with disabilities.

**Your application** (in English only) should include: motivation letter, CV, copy of degree certificate and proof of English language skills.

Complete applications should be submitted preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document quoting the reference: “AI-SPRINT” in the subject header to christof.fetzer@tu-dresden.de or via mail to TU Dresden, Fakultät Informatik, Institut für Systemarchitektur, Professur für Systems Engineering, Herrn Prof. Dr. Christof Fetzer, Helmholtzstr. 10, 01069 Dresden, Germany. The closing date for applications is **March 22, 2021** (stamped arrival date of the university central mail service applies). Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis