

Faculty of Computer Science

The **Institute of Systems Architecture, Chair of Systems Engineering** (www.inf.tu-dresden.de/sya/se) offers two positions starting at **01.06.2022** as

Research Associate/ PhD Student/ Postdoc

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

The position is **limited until 31.12.2023** with the option of extension. The period of employment is governed by the Fixed-Term Research Contracts Act (Wissenschaftszeitvertragsgesetz- WissZeitVG).

The Chair of Systems Engineering is conducting research as part of the EU third-party funded project "**AI SPRINT**" (www.ai-sprint-project.eu).

AI-SPRINT - Artificial Intelligence in Secure Privacy-preserving computing continuum - 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.) in Computer Science, strong skills in distributed systems, ability to work independently and purposefully in a team; an integrative and cooperative personality with excellent communication and social skills; high engagement; fluency in English - written and oral; interest in interdisciplinary cooperation in all areas of computer science as well as with industrial partners. 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 pursue 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, 01062 Dresden, Germany. The closing date for applications is 15.04.2022 (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.

Note on data protection: We have made available for you on the website https://tu-dresden.de/karriere/datenschutzhinweis?set_language=en which rights you have and for which purpose your data is processed as well as further information on data protection.