



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

The Chair of "Machine Learning and Security" explores the interface between computer security and artificial intelligence (AI). The chair develops new approaches to protect learning-based systems and defend against attacks and malware. It is part of the AI Competence Center BIFOLD in Berlin.

The chair is looking to fill the position of a research assistant (PhD student) for the AI Competence Center BIFOLD. The position's task is to explore the trustworthiness and privacy protection of AI models and systems. The goal is to develop novel methods for detecting security and privacy vulnerabilities as well as adequate countermeasures.

Faculty IV - The Berlin Institute for the Foundations of Learning and Data (BIFOLD) / Machine Learning and Security

Reference number: IV-30/24 (starting at the earliest possible / for 5 years / closing date for applications 08/03/24)

Working field:

- Research on the trustworthiness and privacy of learning models
- Analysis of security and privacy vulnerabilities in AI systems
- Development of protection measures for trustworthiness and privacy
- Scientific publishing
- Supervision of teaching courses and theses

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) in Computer Science or in a related technical area
- Strong expertise in machine learning and/or computer security
- the ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills
- Interest and enthusiasm for cutting-edge research
- Innovative and collaborative mindset

Research Environment

- Exciting and challenging research work
- Collaborative and positive academic environment
- Renowned and dedicated team
- Vivid network of researchers worldwide

Please send your application with the **reference number** and the usual documents (one file max. 5 MB) only via email to hashmi@tu-berlin.de.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ or quick access 214041.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The

The vacancy is also available on the internet at <https://www.personalabteilung.tu-berlin.de/menue/jobs/>

