Technische Universität Berlin

Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen- 1st qualification phase (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 focuses on researching methods for the automated analysis of program code using machine learning (ML). The goal is to develop intelligent systems for the detection and analysis of attacks and vulnerabilities.

Fakultät IV - The Berlin Institute for the Foundations of Learning and Data (BIFOLD) / Machine Learning and Security
Reference number: IV-233/25 (starting at the earliest possible / for 5 years / closing date for applications 27/06/25)

Working field:

- Detection of attacks and vulnerabilities using ML/ AI
- Security analysis of deployed ML/AI systems •
- Development of novel protection mechanisms
- Scientific publishing
- Teaching tasks

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 English is required; willingness to acquire the missing language skills

Desirable:

- 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 guaranty 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/ .

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 TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

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

Zertifikat seit 2008
audit familiengerechte hochschule