Technische Universität Berlin

Research Associate (PostDoc) - salary grade 14 TV-L Berliner Hochschulen

part-time employment may be possible

The Chair of "Machine Learning and Security" conducts research on the intersection of security and artificial intelligence (AI). It develops novel approaches for protecting learning systems and defending against attacks and malicious software. The chair is part of the BIFOLD AI competence center in Berlin.

We are looking for a research associate to take on a leading role in the ERC-funded research project MALFOY. The project explores the connection between offensive security and machine learning, with the goal of developing both novel attacks and effective defense strategies. This position is intended to bridge these challenging areas and enable independent, high-quality research.

Faculty IV - Electrical Engineering and Computer Science, Faculty IV - Institute of Software Engineering and Theoretical Computer Science / Machine Learning and Security
Reference number: IV-271/25 (starting at the earliest possible / until 31/12/27 / closing date for applications 22/08/25)

Your responsibility:

- Research on machine learning and offensive security
- Development of attacks with/against learning algorithms
- Development of new defense mechanisms
- Management tasks within the project MALFOY
- Independent and self-driven research

Your profile:

- Successfully completed university degree (Master, Diploma or equivalent) and doctoral degree in Computer Science or in a related area.
- Strong expertise in machine learning and/or computer security.
- Publications in leading conferences/journals (A*/A)
- Experience in the coordination of research projects
- A good knowledge of German and/or English is required and a willingness to acquire any missing language skills
- Experience in coordinating research projects

Research Environment

- Exciting and challenging research work
- Collaborative and positive academic environment
- Renowned and dedicated team
- International research network

How to apply:

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.jobs.tu-berlin.de

Zertifikat seit 2008
audit familiengerechte
hochschule