Technische Universität Berlin

Technische Universität Berlin is currently advertising the following position(s):

Student assistant (60 hours per month)

Fakultät IV: Elektrotechnik und Informatik - Institut für Telekommunikationssysteme
Reference number: IV-SB-0053-2024 (starting at the earliest possible / 2 years / closing date for applications 17/10/24)

Working field:

- support with research on the literature and state-of-the-art of scientific topics (including AI and society, computers and society, AI ethics, science and technology studies) – 35%
- contributing to ideas about the design and critical analysis of algorithmic decision systems, including fairness, transparency, and accountability. - 25%
- helping with data analysis – 10%
- support with documenting research results (in the form of texts, web pages, visualisations, prototypes) – 20%
- implementing prototypes of developed solutions – 10%
- Support in preparing the content for scientific events (e.g., knowledge transfer or co-design workshops, symposia, talks) – 10%

Requirements:

Required qualifications:

- Solid skills in analysis, linear algebra, and stochastics
- Solid skills in imperative languages (e.g., C++, Java, Python) and data-analysis soft-ware (e.g., R, Python)
- Solid skills in data analysis and data science methods
- A good understanding of machine learning methods
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills.
- Good command of MS Office (Word, Excel, PowerPoint), search engines, and LaTex

Preferred qualifications

- Basic skills in ML frameworks (e.g., TensorFlow, PyTorch) and AI
- Background knowledge in philosophy, ethics, political science, sociology or linguis-tics
- Experience in the design and creation of algorithmic systems with visibly direct im-pacts on humans
- Good command of oral and written German.
- Interest in being part of an interdisciplinary team working for the common good
- Knowledge and skills in web content creation
- Critical, interdisciplinary thinking and intellectual openness/flexibility
  Interest in social science and philosophical approaches to algorithmic systems
- Interest in ethical questions around AI and other algorithmic systems
- Willingness to work independently and in teams

Party responsible for specialist area / point of contact for job posting: Prof. Dr. Bettina Berendt
Period of employment: immediately for 2 years
Apply to: berendt@tu-berlin.de, evelyn.adams@tu-berlin.de

Please submit your written application including cover letter, your CV, certificate of enrollment, and where applicable, current transcript of records, to the place of employment indicated above.
In the interest of promoting equality opportunities for men and women, applications from women with suitable qualifications are particularly encouraged.

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

Zertifikat seit 2008
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