The Ruhr area, one of Europe’s largest metropolitan regions, offers attractive career opportunities for computer science and social sciences from around the world. In 2021, Ruhr-Universität Bochum, TU Dortmund, and the University of Duisburg-Essen established the Research Alliance Ruhr (RAU), a university cluster focusing on cutting-edge international research on the most urgent challenges facing humankind. There will be four research centers and a college. This is just the latest chapter in our long-standing collaboration as the University Alliance Ruhr (UA Ruhr), a community of 14,000 researchers and 120,000 students in the heart of Germany.

As part of the Research Alliance Ruhr, the Research Center Trustworthy Data Science and Security (RC Trust) is seeking to fill the following position at the Faculty of Computer Science, Ruhr-Universität Bochum, as early as possible.

**Professorship for Fairness and Transparency (m/f/d) (Open Rank: W3 or W2 tenure track to W3)**

**YOUR RESPONSIBILITIES**

The person selected to hold the new professorship for Fairness and Transparency will specialize in research and teaching in the field of Trustworthy Machine Learning, FACT, Privacy Law & Data Science, Ethics and Artificial Intelligence, and Human-AI Decision Making. The teaching load is reduced to four weekly hours per semester. The successful candidate is expected to contribute to English-taught courses either in RUB’s computer science or dedicated IT security program.

**YOUR QUALIFICATION**

The Center will enable research that connects computer science, cyber security & privacy, and society in order to increase trust in the digital world. Thus, we particularly welcome applications with a strong interest in interdisciplinary research. An ideal candidate will have published in both technical outlets but also in areas such as law, psychology, sociology, economics or other humanities. Applicants should have an excellent track record in research in at least one of the following areas: Trustworthy Machine Learning for Privacy & Security, FACT (Fairness, Accountability, Transparency), Policy, Privacy Law & Data Science, Ethics & AI, and Human-AI Collaborative Decision Making.

Applicants should complement the research activities of the Faculty of Computer Science and be willing to contribute to interdisciplinary collaborative research projects and collaborations within and outside the RC Trust and the Universities of the Research Alliance Ruhr. Prerequisites for the position are excellent scientific qualifications, usually demonstrated by a doctorate or outstanding quality, positive evaluation as a junior professor, habilitation or equivalent academic achievement, top international publications, and an ideal record of successfully leading strong social and leadership skills and willingness to participate in academic self-administration complete your profile.

In the case of the W2 professorship with W3 tenure track, the successful candidate will initially be appointed as a temporary civil servant for five years. At the end of this five-year period at the latest, the tenure track position will lead to continued employment as a tenured W3 university professor, provided that the necessary attitude, competence and academic performance have been demonstrated and that the legal requirements pertaining to Section 38 of the North Rhine-Westphalia Higher Education Act (HG NRW, Gesetz über die Hochschulen des Landes Nordrhein-Westfalen) are met. In addition, the recruitment criteria of Sections 36 and 37 of the North Rhine-Westphalia Higher Education Act (Gesetz über die Hochschulen des Landes Nordrhein-Westfalen, HG NRW) apply.

**ATTRACTIVE ENVIRONMENT**

The professorship will be part of the newly established Research Center Trustworthy Data Science and Security. The Center will enable research that connects computer science, social sciences, and cyber security in order to empower humans to understand, control and verify artificial intelligence technology as well as modern machine learning in (semi-)automated decision making.

The Research Center is linked to all three member universities of the University Alliance Ruhr. We offer you an excellent scientific environment and career opportunities for collaborative research with national and international partners. The professorship advertised here will be closely associated with the Faculty of Computer Science, the Horst Görtz Institute for IT Security (HGI), HGI is home to the Cluster of Excellence “CASE: Cyber Security in the Age of Large-Scale Adversaries” funded with an annual research budget of 10 million euros by the DFG. In addition, a close collaboration with the Max Planck Institute for Security and Privacy (MSP) is planned. The Ruhr-Universität Bochum has its extremely vibrant digital eco system as one of the leading research locations for IT Security in Europe. There is also ample opportunity to interact with the well-developed start-up community in the area of security and computer science.