Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities. **Join us to invent the future!**

The **Faculty of Computer Science, Electrical Engineering and Mathematics** at the Heinz Nixdorf Institute is looking to fill up a position in the field of Software Engineering as

Research Associate (w/m/d)
(Salary level 13 TV-L)

This is a full-time position, which is available immediately for a fixed term of three years, in order to develop scientific competences and to prepare a doctoral dissertation (according to the Law "Wissenschaftszeitvertragsgesetz" (WissZeitVG")) in the field of software engineering. An extension of the contract is generally possible within the limits set by the "WissZeitVG" law.

The Software Resilience group is a new research group, which aims to develop approaches that improve the quality of software systems. We conduct empirical research, develop and evaluate methods with software engineers in practice. Furthermore, we care about the soundness of research methods, and the usefulness of research results to software engineers.

The group is embedded in an interdisciplinary research landscape, with connections to the Paderborn Fraunhofer Institute for Mechatronics Design (IEM), and the Heinz Nixdorf Institute with interdisciplinary research that involves hardware and software systems, politics and economy.

We are looking for a scientist who wants to make an important contribution to improve the quality of software systems. Concrete research topics include, but are not limited to: software architecture, software maintenance, mining software repositories, and artificial intelligence for software engineering.

Scope of work:
- Collaboration in research and teaching (usually 4 hours per week) in the area of Software Engineering
- If applicable, collaboration in third-party funded research projects of the department
- Organisation of teaching-courses in the field

Hiring requirements:
- Very good scientific Master's degree in computer science, mathematics, engineering or a related field
- Knowledge or experience in topics related to artificial intelligence and natural language processing is of advantage.
- Very good knowledge of written and spoken German or English, and if necessary, the willingness to learn German

We offer:
- Exciting, highly relevant research topics with direct transfer into practice
- Collegial environment with many creative opportunities

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

For questions, please contact Jun.-Prof. Dr Mohamed Soliman (mohamed.soliman@uni-paderborn.de). Please send your application (including a cover letter, your CV, diplomas, transcripts, and contact details of at least two referees) preferably by email with the **reference number 6367**: mohamed.soliman@uni-paderborn.de.

Information regarding the processing of your personal data can be located at:
https://www.uni-paderborn.de/en/zv/personaldatenschutz.

Jun.-Prof. Dr. Mohamed Soliman
Software Resilience Group
Heinz Nixdorf Institute
Paderborn University
Warburger Str. 100
33098 Paderborn

TOTAL E-QUALITY DIVERSITY

Zertifikat seit 2005
audit familiengerechte
hochschule