SPACE FOR YOUR TALENT.

The world is changing at an ever-faster pace. At the Johannes Kepler University Linz, we work on technologies and the ideas of tomorrow on a daily basis. At the same time, we educate over 21,000 young people to meet the demands of today's job market. In short, we are Upper Austria's largest institution for education and research. Are you interested in being a part of shaping the future of Austria's most attractive campus university? We currently have an immediate job opening for a:

Project Assistant (must hold a Diploma/Master's degree) for a full-time, one-year position (can be extended to three years) at the Institute of Business Informatics – Software Engineering

Job Reference Number: 4489

The Project AIDOaRt (AI-augmented DevOps, a model-based framework for continuous development At RunTime for CPSs) will investigate AI-augmented automation of software engineering activities, focussing on modeling, coding, testing, and monitoring as part of a continuous development in Cyber-Physical Systems (CPSs). The growing complexity of CPS poses several challenges throughout all software development and analysis phases, but also during their usage and maintenance.

The project targets the development of a model-based framework to support teams during the automated continuous development of CPSs by means of integrated AI-augmented solutions. The overall AIDOaRT infrastructure will work with existing data sources, including traditional IT monitoring, log events, along with software models and measurements.

Job Duties:
- Conduct independent research as part of the AIDOaRt (AI-augmented DevOps, a model-based framework for continuous development At RunTime for CPSs) in the areas of Software Engineering, Model-Driven Development, Machine Learning, DevOps, etc. you can furher informations under https://se.jku.at/aidoart/
- Publish in renowned international journals and present at conferences
- Supervise students and support group lectures

Your Qualifications:
- The successful candidate must hold a Diploma/Master's degree in Computer Science, Business Informatics or a related area
- Interest in one of the following areas: Software Engineering, Model-Driven Development, Meta-Modelling, Machine Learning, DevOps
- Background and preceding work in the aforementioned areas is highly desired (but not required)
- Very good programming skills
- Willingness and ability to work effectively as part of a team as well as support students and university education
- Strong command of English (level C1)
- German skills are a plus

What We Offer:
- On the basis of full-time employment (40 hours/week) the minimum salary in accordance with the collective agreement is € 2,971.50 gross per month (14 x per year, CA Job Grade: B1)
- Work on an interesting and real-world topic in collaboration with the AIDOaRt Austrian consortium (TU Graz, Austrian Institute of Technology (AIT), AVL, Dynatrace, and Automated Software Testing) as part of a wider international consortium of more than 30 partners including universities, research institutes, large, and small-medium enterprises.
- Stable employer
- Attractive campus environment with good public transportation connections
- Attractive continual educational opportunities
- State-of-the-art research infrastructure
- Dynamic research environment
- Broad range of on-campus dining services/healthy meals (organic food at the cafeteria)
- Exercise and sports classes (USI)
- …and much more

Application Deadline: April 14, 2021.

The Johannes Kepler University wishes to increase the proportion of academic female faculty and, for this reason, especially welcomes applications by qualified women. If applicants are equally qualified, a woman will be given preference for this position. The university welcomes applications from qualified applicants with physical disabilities. These applications will be given special consideration.

How to Apply:
Prospective applicants interested in the multifaceted position are requested to electronically send an application in adherence to the stated criteria together with the requested documentation via mail to birgit.breitschopf@jku.at.

Contact:
If you have questions, please contact: Univ. Prof. Mag. Dr. Manuel Wimmer, P +43 732 2468 4240,
E-mail: manuel.wimmer@jku.at and Dr. Luca Berardinelli, P +43 732 2468 4263, E-mail: luca.berardinelli@jku.at.