An der Fakultät für Informatik der Technischen Universität Wien gelangen nachstehende Stellen zur Besetzung:

Die TU Wien strebt eine Erhöhung des Frauenanteils insbesondere in Leitungsfunktionen und beim wissenschaftlichen bzw. künstlerischen Personal an und fordert deshalb qualifizierte Frauen ausdrücklich zur Bewerbung auf. Bewerberinnen, die gleich geeignet sind wie der bestgeeignete Mitbewerber, werden vorrangig aufgenommen, sofern nicht in der Person eines Mitbewerbers liegende Gründe überwiegen. Wir sind bemüht, behinderte Menschen mit entsprechender Qualifikation einzustellen und fordern daher ausdrücklich zur Bewerbung auf. Bei Rückfragen wenden Sie sich bitte an die Behindertenvertrauensperson der TU Wien, Herrn Gerhard Neustätter, gerhard.neustaetter@tuwien.ac.at.

At the Institute of Information Systems Engineering, in the Research Unit of Business Informatics, TU Wien is offering 2 positions as university assistant (prae-doc) each limited to 4 years for 30 hours/week. Contingent on the availability of project funds, these positions can be extended to a full-time postion of 40 hours/week. Expected start: January 2023.

You will work in the context of the Digital Enterprise Modelling Lab, where you will be expected to contribute significantly to the research programme on enterprise modelling. This research programme combines foundational, applicative, empirical, and technological aspects of enterprise modelling research. A key element of this programme is the development of advanced and experimental digital enterprise modelling tools that will serve as a base to validate new modelling theories and gather model-driven engineering technologies with advanced technologies for the representation and manipulation of models and (collaborative) human-model interaction.

You hold an MSc in computer science, business informatics, or a related discipline, and possess a good (theoretical and programming) background pertaining to the core technologies; in particular knowledge graphs and model-driven engineering. You also have an interest in, or experience with, other relevant core technologies, such as: natural language processing, ontology representation languages, model-based simulation, symbolic AI and sub-symbolic AI, and/or technologies to support advanced human-model interaction such as augmented reality, animation, and touch screens. As you are also expected to contribute to the development of experimental digital enterprise modelling tools, you not only have an interest in doing research, but combine this with software engineering skills, and a drive to translate research ideas and concepts into running software. We welcome applicants from a diverse range of backgrounds, and we particularly encourage applications from women and underrepresented minorities.

Tasks:
- Diving deep into scientific problems and conducting collaborative and independent research
- Supporting the group's teaching and supervision of students
- Development of new methods and concepts and their realization in software and associated evaluation prototypes
- Contribute to interdisciplinary scientific projects and the development of new research project proposals
- Authoring international publications in top conferences and journals related to your work
- Preparation of a dissertation and completion of a PhD program at the Faculty of Informatics (see: https://informatics.tuwien.ac.at/doctoral/)
Your profile:
- Completion of a master or diploma curriculum in a relevant field
- Knowledge of, and initial experience in, scientific work
- A drive for interdisciplinary research
- Experience in teaching and pleasure in working with/supervising students is a plus
- Organizational and analytical skills as well as a structured way of working
- Software engineering skills
- Experience in, or knowledge of, relevant technologies and theories, in particular, with regards to model-driven engineering, enterprise modelling, and knowledge graphs
- Excellent command of English, both in speaking and writing
- Knowledge of German (level B2) or willingness to learn it in the first year
- Excellent skills in creativity and innovation
- Good communication skills and team orientation

We offer:
- Work in a dynamic, interdisciplinary and multicultural research team
- Continuing personal and professional education and flexible working hours
- A range of attractive social benefits (see Fringe-Benefit Catalogue of TU Wien)
- Wide range of internal and external training opportunities, various career options
- Central location of workplace as well as good accessibility (U1/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world

Entry level salary is determined by the pay grade B1 of the Austrian collective agreement for university staff. This is a minimum of currently EUR 2,294.00/month gross, 14 times/year for 30 hours/week. Relevant working experiences may increase the monthly income.

We look forward to receiving your application until November 24, 2022 on our job platform: https://jobs.tuwien.ac.at/Job/196068