Stellenausschreibungen

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


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 Computer Engineering, in the Research Unit of Cyber-Physical Systems TU Wien is offering a position as university assistant (post-doc) limited to 6 years for 40 hours/week. Expected start: November 2023.

Tasks:
- Carrying out independent and goal-oriented research activities in the fields of Cyber-Physical Systems engineering.
- Publication of research results in top-tier venues
- Participation in teaching activities, examinations and in supervisions of students.
- Participation and organization of scientific events
- Participation in research projects and in management of research projects
- Participation in organizational and administrative tasks
- Writing research proposals and independent application for third-party funding

Your profile:
- Completed doctoral studies in the field of computer science
- An outstanding publication records in top-venue related to Autonomous Cyber-Physical Systems Engineering and/or formal methods conferences (e.g., ICSE, ASE, FSE, EMSOFT, IROS, ICRA, CDC, RSS, HSCC, ICCPS, OOPSLA, CAV, TACAS, etc.)
- Strong research background in at least one of the following areas: verification and analysis of hybrid systems, neural networks, or probabilistic systems, testing of cyber-physical systems (e.g., scenario-based testing, falsification analysis, etc.), autonomous systems engineering and control (e.g., reinforcement learning, etc.).
- Extensive experience in developing software tools and research prototypes
- Interdisciplinary work
- Experience in teaching and in working with the students
- Ability to work in a team, problem-solving skills
- Organizational and analytical skills as well as a structured way of working
- Excellent skills in English communication and writing, knowledge of German (level B2) or willingness to learn it in the first year.

We offer:
- Pleasant, cooperative working atmosphere and flexible working hours
- Central location of workplace with very good accessibility (U1/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world
- German courses, if needed
- A highly competitive salary and a range of attractive social benefits (see Fringe-Benefit Catalogue of TU Wien)
- Excellent research environment in an internationally visible team (the working language in the research unit is English)
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 4,351.90/month gross, 14 times/year for 40 hours/week. Relevant working experiences may increase the monthly income.

We look forward to receiving your application until September 30, 2023 on our job platform: https://jobs.tuwien.ac.at/Job/215323

At the **Institute of Logic and Computation, in the Research Unit of Formal Methods in Systems Engineering** TU Wien is offering a position as university assistant (praedoc) for 1 year, for 30 hours/week. Expected start: October 2023.

**Tasks:**
- Collaboration on research and teaching tasks as well as examinations in Logic and Reasoning (in particular, on first-order logic, SAT/SMT solving, tableaux reasoning)
- Cooperation and guidance of students
- Research and project activity in logic and reasoning, with particular focus on integrating SAT/SMT solving in first-order theorem proving. Previous experience with first-order provers, possibly with the Vampire system, is advantageous.
- Implementing and evaluation automated reasoning systems
- Writing publications and disseminating results
- Participation in scientific events
- Assistance/Collaboration in organizational and administrative tasks

**Your profile:**
- Completion of a master or diploma curriculum in one of these fields: informatics, mathematics, engineering
- Skillful and responsible in experimental work
- Experience in the following scientific fields: automated reasoning (first-order theorem proving and/or SAT/Solving, advantageous but not required)
- Very good skills in English communication and writing. Knowledge of German (level B2) or willingness to learn it
- Interest in research in the field as well as supervision and work with students
- Very good communicative skills and team competences and innovative ability

**We offer:**
- A wide variety and exciting range of tasks in a collegial team
- Hybrid working style with up to 60% home office option
- 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)

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 2,458.00/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 August 31, 2023 on our job platform: https://jobs.tuwien.ac.at/Job/216548?culture=en