

The University of Vienna (20 faculties and centres, 184 fields of study, approx. 10.400 members of staff, about 90.000 students) seeks to fill the position from 01.12.2022 of a

Scientific project staff at the Research Group Software Architecture at the Faculty of Computer Science, University of Vienna under the supervision of Prof. Uwe Zdun

Reference number: #01 PC4: Software Architecture, Prof. Zdun”

The Faculty of Computer Science of the University of Vienna has world-leading researchers in Computer Science who pursue basic as well as applied research. The [UniVie Doctoral School Computer Science \(DoCS\)](#) builds an essential framework to foster excellence in research and teaching. Its main focus is on young prospective researchers eager to make an impact on both basic research as well as applied problems with collaborations across the University and beyond. The DoCS aims to provide these young researchers with the broad knowledge and expertise needed to perform Computer Science research at the highest achievable quality. The Doctoral School trains doctoral candidates in solving basic as well as applied research questions of high relevance.

The focus of the research group (led by Dr. Uwe Zdun) is on research in the areas of software architecture, software design, and software engineering. The group is looking for highly motivated research assistants, PhD candidates. We offer an excellent working environment in a young, creative, highly motivated, and international team. More info on the research group can be found here <https://swa.cs.univie.ac.at/>.

Duration of employment: 2 years (The position is initially limited to two years with the possibility of extension.)

Extent of employment: 30.0 hours/week

Job grading in accordance with collective bargaining agreement: §48 VwGr. B1 Grundstufe (praedoc) with relevant work experience determining the assignment to a particular salary grade.

Job description

Participation in research and administration:

- Participation in research projects/research studies
- Participation in publications/academic articles/presentations
- We expect the successful candidate to sign a doctoral thesis agreement within 12-18 months.
- Involvement in the organisation of meetings, conferences, symposiums
- Involvement in the department administration as well as in teaching and research administration

The research should focus on one or more of the following topics:

- Software Engineering/Software Architecture for Machine Learning
- Machine Learning for Software Engineering
- CI/CD-Architectures und DevOps (insbesondere MLOps)
- Service/Edge/Cloud Architectures

Profile

A successfully completed master's degree or equivalent in Computer Science, Business Informatics, or a closely related field is required, whereby knowledge of computer science is assumed to be a given. Excellent English and German language skills (written and spoken) are preferred.

Desirable qualifications are

- Teaching experience / experience of working with e-learning
- Knowledge of university processes and structures
- Experience abroad
- Basic experience in research methods and academic writing

Application documents

- Curriculum vitae
- Letter of Motivation including ideas for a prospective doctoral project proposal
- Abstract of master thesis
- Degree certificates
- List of publications, evidence of teaching experience (if available)

For further information please contact Uwe Zdun, +43-1-4277-78510.

Applications should be submitted via the recruiting tool [Apply@DoCS | Servicedesk Universität Wien \(univie.ac.at\)](#), mentioning “#01 PC4: Software Architecture, Prof. Zdun”. Further details are available here (also how to set up a u:account): <https://docs.univie.ac.at/apply>.

The University pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity (<http://diversity.univie.ac.at/>). The University lays special emphasis on increasing the number of women in senior and academic positions. Given equal qualifications, preference will be given to female applicants.

The candidate who is selected for this position joins the DoCS as a doctoral student member.