

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 10.04.2023 of a

## **University Assistant (prae doc) at the Research Group Visualization and Data Analysis at the Faculty of Computer Science, University of Vienna under the supervision of Prof. Torsten Möller**

**Reference number:** "#10 PC4-23: VDA Prof. Möller"

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 primary focus is 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 possible quality. The Doctoral School trains doctoral candidates in solving basic as well as applied research questions of high relevance.

We seek a highly motivated PhD researcher with a background in computer science, information science, or a related field. The applicant should be confident in engaging with different audiences and applying many quantitative and qualitative scientific methods. We expect a high motivation to learn and engage with real-world data, people and problems in an interdisciplinary setting. We provide close and supportive supervision of the thesis work and a highly collaborative research environment. The working language is English.

**Duration of employment:** 3 years (The announcement is made for 3 years, whereby the employment relationship is initially limited to 1.5 years and is automatically extended to a total of 3 years, unless the employer submits a declaration of non-renewal after a maximum of 12 months. In case of probation and appropriate work progress an extension to 4 years is possible.)

**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, teaching 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.
- Participation in teaching and independent teaching of courses as defined by the collective agreement
- Supervision of students
- 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 Human-Computer-Interaction, Visualization, Usability Research and Data Science.

### Profile

- Professional competence: Background in Computer Science; specifically Human-Computer Interaction, Data Visualisation, Data Science (Bachelor's level or equivalent professional experience)
- Methodological competence: First experience with qualitative research methods (e.g. interview studies)
- Didactic competence desired
- High ability to express yourself both orally and in writing
- Excellent command of written and spoken English
- IT user skills
- Ability to work in a team

Desirable qualifications are

- Masters degree in one of the following areas: Human-Computer Interaction, Data Visualisation, Data Science, Information Science, Science and Technology Studies, Communication Science or a related field
- Teaching experience/experience of working with e-learning
- Knowledge of university processes and structures
- Experience abroad
- Basic experience in research methods and academic writing
- Experience with data
- Good programming skills (Python / javascript / D3 / C++)
- Background in or experience creating data visualizations
- Experience with quantitative research methods (e.g. in data science or statistical knowledge)
- First experiences of interdisciplinary collaborations
- Teaching or tutoring experience or workshop facilitation

### 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 Torsten Möller +43/1/4277/79010

Applications should be submitted via the recruiting tool [Apply@DoCS | Servicedesk Universität Wien \(univie.ac.at\)](#), mentioning reference number "#10 PC4-23: VDA Prof. Möller". Further details are available here (also how you set up an 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 in academic positions. Given equal qualifications, preference will be given to female applicants.

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