The University of Vienna (20 faculties and centres, 179 fields of study, approx. 10,000 members of staff, about 90,000 students) seeks to fill the position from 01.01.2022 of a

**Scientific project staff**

at the Research Group Visualization and Data Analysis at the Faculty of Computer Science, University of Vienna under the supervision of Dr. Laura Koesten

Reference number: “#11 PC2: Visualization and Data Analysis, 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 main focus are 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.

We seek a highly motivated PhD researcher with a background in computer science, information science, or a related field. The successful applicant will work in collaboration with the project “Talking charts”, funded by the Vienna Science and Technology Fund (WWTF). Talking charts is a three-year mixed-methods project exploring how people encode, understand and engage with the messages (and implicit assumptions) communicated by data visualizations, particularly those focusing on COVID-19 and climate change. The applicant should be confident in engaging with different audiences and apply a number of different 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 a close and supportive supervision of the thesis work and a highly collaborative research environment. Working language: English.

**Duration of employment:** 3 years
**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 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 / R / 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 Laura Koesten +43/1/4277/79020.

Applications should be submitted via the recruiting tool Apply@DoCS | Servicedesk Universität Wien (univie.ac.at), no later than 20.12.2021, mentioning reference number “#11 PC2: Visualization and Data Analysis, Prof. Möller”.

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.