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 as soon as possible of a

University Assistant (prae doc)
at the Research Group Data Mining and Machine Learning
at the Faculty of Computer Science, University of Vienna
under the supervision of Prof. Christian Böhm

Reference number: "#02 PC4-23: DMML Prof. Böhm"

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.

The research group Data Mining and Machine Learning at the Faculty of Computer Science is looking for highly motivated research assistants, PhD candidates. We are offering an excellent working environment in a young, creative and international team. As a member of the Data Mining team, you will contribute to fascinating data mining projects offering the possibility to take over responsibility at an early stage, to publish the results at leading international conferences and to exchange ideas with international and interdisciplinary cooperation partners. We provide intensive support during course of your dissertation.

Duration of employment: 4 years (The announcement is made for four years, whereby the employment relationship is initially limited to 1.5 years and is automatically extended to a total of four years unless the employer submits a declaration of non-renewal after a maximum of 12 months.)
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 data mining, e.g., clustering, representation learning, causality detection and graph mining.

Profile
- Master in Computer Science or equivalent qualification with a strong focus on Computer Science with excellent marks.
- Very good German and English language skills.
- Very good mathematical understanding
- Very good programming skills, mastery of at least two of the following programming languages: Java, C++, C#, Python
- Strong ability to work in teams
- Perseverance and ability to make things done
- High motivation to publish at the top-level conferences

Desirable qualifications are
- Experience in one or more of the following fields: Clustering, representation learning, deep learning.
- 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 and credentials including grades of Bachelor and Master studies
- List of publications, evidence of teaching experience (if available)

For further information please contact Christian Böhm, christian.boehm@univie.ac.at.

Applications should be submitted via the recruiting tool Apply@DoCS | Servicedesk Universität Wien (univie.ac.at), mentioning reference number "#02 PC4-23: DMML Prof. Böhm". 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.