

The University of Vienna (20 faculties and centres, 178 fields of study, 9.900 members of staff, about 89.000 students) seeks to fill the position as soon as possible of a

University Assistant (prae doc) at the Research Group CSLEARN - Educational Technologies at the Faculty of Computer Science, University of Vienna

Reference number "#03: Praedoc, CSLEARN, Prof. Knobelsdorf"

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 "CSLEARN - Educational Technologies" pursues interdisciplinary research combining methods and theories from Education, Learning and Social Sciences, Human-Centered Computing, Learning Analytics and Machine Learning investigating open problems in teaching and learning of Computer Science Education and creating potential technological solutions within educational setting in general. Amongst multiple research engagements, one line of teaching activities within the group is specifically dedicated to pre-service teacher education in Computer Science. We offer a diverse and challenging position addressing candidates who seek to pursue a doctorate in one of the research fields of the group. The candidate will be involved in all activities of the group related to academic administration and teaching as well as research including publishing and presenting research results at conferences and in prestigious research journals as well as grant application processes. Therefore, the position prepares for a potential career in academic, administration or business contexts of Computer Science Education and Educational Technologies.

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.

Starting date: As soon as possible

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 within the undergraduate program of the Faculty 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

Profile

Candidates must have a university degree (Master's degree or equivalent) related to the research field of the group by the expected start date. Candidates in all areas of Computer Science, Informatics, or Software Engineering are welcomed to apply, particularly those with experiences or a strong interest (or both) in machine learning techniques, human centered computing, learning analytics, learning sciences, or educational psychology. Alternatively, candidates have graduated in learning sciences and/or educational psychology with Computer Science as minor subject or strong readiness to Computer Science, particularly programming. Mostly, we encourage in-service teachers of Computer Science in K-12/secondary education or graduates with a degree in Computer Science Teacher Education to apply.

Candidates bring a strong interest and commitment to the research field of the group and find it exciting to investigate questions of teaching and learning Computer Science by combining techniques and methods from machine learning and/or learning analytics with empirical social research methods and theories to create educational technology solutions and contribute new insights to Computer Science Education research with the aim of getting their doctoral degree. We expect proficient speaking and writing English skills. Basic German language skills or a strong commitment to adopt German within the first years are also strongly favored. The position includes regular teaching duties in courses of the undergraduate study programs offered at the Computer Science Faculty, mostly in the Computer Science Teacher Education program and depending on the candidate's academic background.

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 Katarina Vukovic: katarina.vukovic@univie.ac.at.

Applications should be submitted via the recruiting tool (<https://docs.univie.ac.at/apply>), no later than 31.8.2021, mentioning reference number "#03: Praedoc, CSLEARN, Prof. Knobelsdorf".

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.