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 01.02.2022 of a

**University Assistant (prae doc)**

at the Research Group Security and Privacy

at the Faculty of Computer Science, University of Vienna

under the supervision of Prof. Edgar Weippl

Reference number: “#08 PC2: Security and Privacy, Prof. Weippl”

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 (FG) Security and Privacy at the Faculty of Computer Science is looking for a committed and motivated university assistant. The research focus of the FG Security and Privacy is currently security in the engineering life cycle of production plants and security and privacy of block chain technologies. In the long term, we are engaged in understanding complex systems to identify fundamental security and privacy problems and in researching and developing solutions that go beyond the mere short-term problem solving.

Your tasks include research and teaching in the field of software security and software analysis. We offer a diverse and interdisciplinary working environment with room for your own ideas. We attach great importance to an appreciative way of working and a self-reliant approach.

**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

DoCS Pooled Call 2021 | University Assistant (prae doc)
- 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 Systems Security and Security in Industrial Automation.

Profile
- Completed master's degree in the field of computer science
- High level of written and oral communication skills
- Experience in working with research groups / ability to work in a team
- Very good written and spoken English skills
- Interest in interdisciplinary topics

Desirable qualifications are
- Background in Information Security and preferably industrial automation
- Basic knowledge of cyber-physical systems (CPSs), such as industrial control systems (ICSs), is an asset
- Interest in working on security topics that center around industrial automation
- Profound knowledge in embedded systems and software engineering for embedded systems

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 Edgar Weippl, +43-1-4277-79710.

Applications should be submitted via the recruiting tool Apply@DoCS | Servicedesk Universität Wien (univie.ac.at), no later than 30.11.2021, mentioning reference number “#08 PC2: Security and Privacy, Prof. Weippl”.

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.