

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 from 01.07.2021 of a

Scientific project staff (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 “#02: Scientific project staff, Security & 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 Security and Privacy research group at the Faculty of Computer Science is looking for a dedicated and motivated project staff member. The research focus of the FG Security and Privacy is currently Security in the Engineering Lifecycle of Production Facilities and Security and Privacy of Blockchain Technologies. The current CDG research project "CD-Laboratory for Improving Security and Quality in Production Systems" focuses on improving the security of cyber-physical systems (CPS).

We offer a diverse and interdisciplinary work environment with room for own ideas. We attach great importance to appreciative interaction and a self-reliant way of working.

Duration of employment: 3.5 years (initially limited to 1 year and possible extension by 2.5 years to a total of 3.5 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: 01.07.2021

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 Systems Security.

Profile

- Completed master's degree in 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

- Publications in renowned, relevant media (peer-reviewed according to professional standards)
- 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
- Proficiency in at least one programming language (preferably Java, Rust, C/C++, or Python)
- Profound knowledge in embedded software engineering

Application documents

- Letter of Motivation including ideas for a prospective doctoral project proposal
- Curriculum vitae
- Degree certificates
- List of publications, evidence of teaching experience (if available)
- Abstract of master thesis

For further information please contact Weippl, Edgar (+43-1-4277-79710).

Applications should be submitted via the recruiting tool Apply@DoCS | Servicedesk [Universität Wien \(univie.ac.at\)](https://univie.ac.at), no later than 27.5.2021, mentioning reference number "#02: Scientific project staff, Security & 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.