

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 01.01.2026 of a

Scientific project staff
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: #05 PC-6-25: SEC 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.

Your future position is in the Security & Privacy research group at the Faculty of Computer Science. Research assistants appreciate the internationality, the outstanding research projects, the interdisciplinary cooperation and the collegial exchange in our faculty. As part of our research collaboration with the COMET Center SBA-K1 NGC, we are conducting research in Area 2 – “Secure and Intelligent Software” on novel methods to protect software and machine learning systems from attacks and misuse. The subproject “Protection of Software and ML Assets” develops innovative concepts for securing intellectual property and sensitive data in binary software as well as models in the field of machine learning. The goal is to research and practically evaluate robust protection mechanisms against threats such as model stealing, adversarial attacks, reverse engineering, and manipulation of software artifacts.

Duration of employment: 2 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:

- Independent research in the field of “software protection, machine learning security, and software verification”
- Development and evaluation of new methods for protecting ML models and software artifacts
- Conducting experiments, benchmarks, and security analyses
- Publication of research results in international conferences and journals
- Collaboration with partners from academia and industry within the COMET program

- 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 research administration

The research should focus on topic “Protection of Software and Machine Learning Assets”

Profile

- Master's degree in computer science, software engineering, IT security, data science, or a related field
- High level of written and oral communication skills
- Didactic competences / experience in e-learning
- Experience in working with research groups / ability to work in a team
- Excellent written and spoken German and English skills
- Interest in interdisciplinary topics

Desirable qualifications are

- Knowledge in at least one of the following areas:
 - o Software security, code obfuscation, or reverse engineering
 - o Machine learning and its security (adversarial ML, robustness, privacy)
 - o Formal methods, software verification, or combinatorial testing
- Solid programming skills (e.g., Python, C/C++, Java)
- Interest in interdisciplinary research and application-oriented projects
- Very good English skills (written and spoken)

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 21.11.2025, mentioning #05 PC-6-25: SEC 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.