

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 from 01.03.2026 of a

University Assistant (prae doc) **at the Research Group Theory and Applications of Algorithms** **at the Faculty of Computer Science, University of Vienna** **under the supervision of Ass.-Prof. Karen Azari**

Reference number: #03 PC-6-25: TAA Prof. Azari

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 is on 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 working group “Foundations of Cryptography” within the research group “Theory and Applications of Algorithms” at the department of Computer Science focuses on provable security of cryptographic schemes. We develop new security definitions which match practical applications, explore complexity-theoretic relations, develop novel, sophisticated proof techniques, and design schemes that provably satisfy strong security guarantees. We search for a university assistant prae doc to strengthen our team and help us make the digital world safer.

Duration of employment:

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.

Your future tasks:

You actively contribute to research, teaching and administration, which includes the following:

- Participation in and contributions to research projects and publications, including presentation
- Attendance of conferences and publications of your research results in journals and conferences
- Finalisation of your dissertation agreement within 12-18 months
- Contribution to lectures and exercise classes as well as independently held courses within the scope of the provisions of the collective bargaining agreement
- Supervision of students
- Contribution to the organisation of research meetings, conferences, and symposia
- Contribution to the administration of the institute, teaching and research

The research should focus on foundations of cryptography.

Requirements:

- Completed Master's degree or Diploma in the field of Computer Science or Mathematics, or a related discipline
- Basic experience in academic writing
- Didactic competences
- High analytical skills
- High written and spoken articulateness
- Very good command of written and spoken English
- IT user skills
- You should be a team player with high social skills, proactively reaching out to your colleagues
- Well-founded knowledge in the areas of theoretical computer science and mathematics, basic knowledge in the area of cryptography
- Outstanding academic study achievements

Additionally, the following skills would be desirable:

- Experience with teaching
- First publication experience
- Experience with interdisciplinary research
- Knowledge of structures and processes within universities
- Study experience abroad

It is that easy to apply:

- Letter of Motivation; in particular, focus on your suitability for the advertised position and your expertise in the relevant research areas (about 1 page)
- CV (including an overview on your teaching experience, if applicable)
- Master thesis (if already finished, otherwise Bachelor thesis)
- Teaching certificates (if applicable)
- Final study transcripts
- Contact information of 2 references

For further information please contact Karen Azari, karen.azari@univie.ac.at

Applications should be submitted via the recruiting tool [Apply@DoCS | Servicedesk Universität Wien \(univie.ac.at\)](#), mentioning #03 PC-6-25: TAA Prof. Azari. 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 academic positions. Given equal qualifications, preference will be given to female applicants.

The candidate who is selected for this position joins the DoCS as a doctoral student member.