



**Rosenheim Technical University of Applied Sciences is a regionally anchored university with an international reputation. It combines practical research with developing innovative new talents in the fields of technology, business, design, healthcare and social sciences. The interdisciplinary cooperation between the faculties and institutes guarantees high quality results and outstanding teaching. Our values include sustainability, service orientation and being family-friendly.**

At the **CAMPUS ROSENHEIM**, we are looking for a

## Research Associate: PhD Candidate/PostDoc (m/f/x)

This is a fixed-term position until 31.08.2027 (Reference 2025-037-ZFET-Cy4MIE)

Are you fascinated by the transformative power of AI and eager to drive innovative research in cloud computing and IoT in the context of Industry 4.0? The rapid convergence of AI with industry is reshaping traditional processes and sparking entirely new business models. As research and education remain key to sustaining Germany's industrial competitiveness, we invite you to join our team. In this role, you will contribute to innovative R&D projects within the `proto_lab` ecosystem at TH Rosenheim, a platform dedicated to Industry 4.0 research, development, and technology transfer.

### Your responsibilities

- Participate in the EU project **Cynnergy4MIE**, where you scientifically explore the application of machine learning - specifically reinforcement learning for scheduling problems in the context of modern production environments.
- Develop new models and software for solving scheduling problems in the context of production on the basis of an existing in-house tool (mostly written in Python).
- Prepare scientific publications aimed at an international audience and engage in our PhD program.

### Your Profile

- Excellent degree at Bachelor's or Master's level in a technical field such as Computer Science or Engineering
- A strong interest in applying machine learning techniques to technical systems, ideally complemented by initial experience in Reinforcement Learning
- Proficient programming skills (ideally Python)
- Practical experience in IoT, cloud, Unix, and/or embedded systems is an advantage
- Ability to work independently as well as collaboratively within an interdisciplinary team
- Excellent organizational skills coupled with systematic approach to problem solving
- Required language skills: Level B2 in German

### We offer

- a demanding and independent position in an innovative and collegial environment
- a modern workplace with flexible working hours and a wide range of opportunities to combine family and work
- occupational health promotion
- remuneration according to **pay category 13** of the collective agreement for the public service (TV-L), with all the special benefits customary in the public service

Rosenheim Technical University of Applied Sciences is committed to promoting professional equality between women and men, regardless of their origin, skin colour, religion, age and sexual identity. Severely disabled applicants are given preferential treatment if they are otherwise essentially of the same suitability, competence and professional performance.

As we want to increase the proportion of women in technical fields, we are particularly looking forward to receiving applications from qualified women.

For foreign university degrees, a certificate evaluation from the Central Office for Foreign Education (ZAB) must be submitted during the hiring process for the final assessment of the employment requirements.

Please apply exclusively online via our [applicant management system](#) (application deadline: 06.04.2025)

If you have any technical questions, please contact Prof. Dr.-Ing. Noah Klarmann:

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[www.th-rosenheim.de/](http://www.th-rosenheim.de/)

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