



The **Chair of Software Engineering** is offering a full-time position as

PhD Position in Sustainable Software Engineering (all genders)

starting on 01.06.2026 or later.

The Sustainable Software Engineering Group at the University of Mannheim invites applications for a full-time PhD position in Software Sustainability for an initial period of 3 years, with the possibility of extension.

The position focuses on research in software sustainability, including technical, environmental, economic, social, and individual dimensions. Depending on the project, the work may also involve experiments on controlled servers to measure energy consumption. Experience with large-scale or HPC experimentation is a strong plus.

Your tasks include:

- Conducting cutting-edge research in the field of software engineering and sustainability
- Publishing and presenting research results at leading international venues
- Contributing to teaching in the Software Engineering Group, such as tutoring or student supervision, typically with a teaching load of 4 SWS

Your profile:

- MSc degree in Computer Science, Software Engineering, Machine Learning, or a closely related field
- Strong background in software engineering, computer science, machine learning, or related areas
- Very good programming skills and practical experience with machine learning frameworks
- Ability to work independently and in a collaborative research environment
- Strong analytical and problem-solving skills
- High motivation for research and teaching
- Excellent written and spoken English

What we offer:

The **University of Mannheim** is one of the leading universities in Germany with approximately 12,000 students in five schools. Particularly in business and economics as well as in the social sciences the university ranks among the top institutions both at national and international level. More than 2,600 employees profit from an exciting work environment with numerous benefits.

The Sustainable Software Engineering Group is part of the Software Engineering Group at the University of Mannheim, a collaborative research environment with expertise in green software engineering, empirical software engineering, generative software engineering, model-driven software engineering, and software testing.

Key information

Start: 01.06.2026 or later

Term: 3 years, with the possibility of extension

Remuneration bracket: E 13 TV-L BW

Weekly hours: 39,5 hours, the position is generally suitable for job sharing

Application deadline: 10 Mai 2026

Reference number: SSE PhD position

- An excellent research environment with strong collaboration opportunities within the Software Engineering Groups, the Data and Web Science Group, and beyond
- Flexible working conditions and access to compute infrastructure
- Generous travel and research funding
- A full-time position with competitive salary according to TV-L 13



Outstanding research
culture



Positive working
atmosphere



Innovative academic
working environment



Central location in the
city center



30 vacation days plus
paid leave at
Christmas/New Years
Eve

Applications from persons with a disability are given preferential consideration provided that they are appropriately qualified. The University of Mannheim is committed to increasing the quota of women in areas where they are underrepresented and thus encourages women with appropriate qualifications to apply.

If you are interested in applying, please send your application documents via e-mail or mail **by 10 May 2026 at the latest**:

University of Mannheim
Chair of Software Engineering
Prof. Dr. Pooja Rani
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If you have any questions about the position, please contact Prof.
Dr. Pooja Rani at

pooja.rani@uni-mannheim.de

Data protection

Please find detailed information on the collection of personal data from the data subject according to Article 13 GDPR on the university' s homepage:
www.uni-mannheim.de/datenschutz-bei-bewerbungen.

Submitted application documents will only be returned if you enclose a self-addressed stamped envelope. Otherwise, they will be destroyed in accordance with current data protection law after the application procedure has ended. Electronic applications will be deleted accordingly..

If you apply by e-mail, please note that protection of confidential data cannot be guaranteed as unauthorized third parties might gain access to unencrypted e-mails during transmission.