



**University of Stuttgart**

Institute for Parallel and Distributed Systems  
Analytic Computing Department

The Analytic Computing group at University of Stuttgart, Germany, invites applications for a full-time position as a

**doctoral researcher/PhD student or postdoctoral researcher  
(100% TV-L E 13)**

#### **What We Will Offer**

We provide you with a friendly, but challenging interdisciplinary research environment and support your academic career. You will have the opportunity to work with engineers to develop innovative and useful machine learning frameworks.

#### **What You Will Contribute**

You will develop knowledge representations and machine learning methods that allow for formalizing knowledge priors for deep learning or investigate machine learning on knowledge graphs. You will teach and support engineering students learning artificial intelligence and machine learning.

#### **Eligibility**

Applicants for the position are required to have an M.Sc. in computer science or in a related field. Knowledge about the theory of and experience with practicing machine learning are required. Knowledge of knowledge graph technologies and tools like RDF, SPARQL, GraphQL or Cypher would also be advantageous. Excellent communication skills and the ability to work in an international team are indispensable for the position.

#### **Salary**

The salary amounts to German TV-L E 13, which starts at approx. 50,000 Euro income per year (before taxation).

#### **More Information**

Personal inquires can be directed to Prof. Staab.

#### **Application**

Please submit your application in one PDF file including a letter of motivation, a curriculum vitae and scans of all your original final transcripts and diploma certificates from each university degree (or stamped, official translations). Applications submitted before October 31 will receive preferential treatment. Applications will be accepted until the position is filled. Send your application email with the subject "ML & Knowledge Graphs" to:

[ac\\_info@ipvs.uni-stuttgart.de](mailto:ac_info@ipvs.uni-stuttgart.de)

If applicants or this position wish so, they may in parallel apply to The International Max Planck Research School for Intelligent Systems (IMPRS-IS) at <https://imprs.is.mpg.de/>

**Open Position**

**Doctoral  
researcher/PhD  
student or PostDoc**

**Task: Machine Learning &  
Knowledge Graphs**