

Institut für Klimafolgenforschung - Wissenschaft



Klima braucht Köpfe. Das Potsdam-Institut für Klimafolgenforschung e.V. (PIK) untersucht wissenschaftlich und gesellschaftlich relevante Fragestellungen. Es ist eine der weltweit führenden Forschungseinrichtungen auf seinem Gebiet und bietet Natur- und SozialwissenschaftlerInnen aus aller Welt beste Voraussetzungen für exzellente interdisziplinäre Forschung.

Student Research Assistant (m/f/d)

(Position number: 06-2026 SHK PATHFINDER)

City: Berlin; Starting date (earliest): At the earliest possible; Duration: funded for initially 1 year, with the possibility of extension; Remuneration: Bachelor's degree is 14,59 € hourly (without a Bachelor's degree 13,98 € hourly); Reference number: 06-2026 SHK PATHFINDER; Closing date: 29/03/26

Tasks

Key responsibilities:

- Develop new features for our annotation platform and other tools
- support researchers that use our platform (analysis or project on-boarding)
- develop and maintain 'living' systematic maps (automatically fetch and classify new publications and integrate into our databases)
- integrate living synthesis pipelines into human-in-the-loop processes (e.g. Cochrane crowd or NACSOS)
- evaluate and develop automation tools for information extraction
- help us to unlock multi-lingual evidence synthesis
- improve our interactive climateliterature.org platform
- enhance our local database snapshot of OpenAlex with >480M records
- drive your own ideas that accelerate the evidence synthesis process

Requirements

You are a Bachelor or Master student, enrolled at a German university, and ideally meet the following requirements:

We do not expect you to fulfil all requirements!

- background in computer science, open-source projects, digital engineering, data science or related fields
- good software design skills and experience in building and maintaining data processing pipelines and REST-based systems
- web-based front-end development (esp. typescript, vuejs, webGL)
- experience (theory & practice) with relational databases (esp. PostgreSQL)
- strong interest (ideally experience) in information retrieval, data integration,

machine learning/AI, LLMs, knowledge graphs

- excited to use vector databases, e.g. integrating deepset haystack for RAG
- interested in experimenting with solr, postgres, vector stores, graph data-bases, knowledge graphs, huggingface
- interest in data science, clustering, topic models, classification, entity extraction and linking, high-performance compute cluster with high-end GPUs

We will jointly choose tasks based on your expertise and interests. Most important is a strong interest in scientific methods, a solid knowledge foundation (e.g. studying computer science, open source projects) and eagerness to learn. Applicants should reference prior programming experience, ideally linked to specific projects.

What we offer

We offer:

- chance to be part of an engaged, interdisciplinary team
- insights into a solution-oriented research project with several international partners and with immediate policy relevance
- opportunity to tackle challenges of climate change and our common future
- flexi-time and mobile working (up to 50% of your hours)
- collective pay scheme, benefits, subsidized travel card / Deutschland-Ticket Job
- possibility to write an exciting master's thesis under our co-supervision closely related to your work in the field of web science

Application

Please apply by 29.03.2026 directly via our application form below this job advertisement on our website. The application process remains open until the position is filled.

More information at <https://stellenticket.de/201981/HTWB/>

Offer visible until 28/03/26

