

Student Research Assistant – Data Science & Ecology

START: Immediately

DURATION: 1 year, possible extension

HOURS: 30-40 hours/month (flexible)

SALARY: SHK/WHK hourly rates

We are looking for a motivated **Bachelor's or Master's student** to join our research group at the intersection of data science and ecology. You will contribute to a project applying Deep Learning for biodiversity monitoring, by taking care of ongoing server maintenance and data processing. The tasks can be partially adapted to your experience and interests.

What We Offer

- Flexible hours and place of work
- Opportunity to participate in innovative scientific research (check our [group website](#))
- A supportive, interdisciplinary team and an open working environment

Main Tasks

- Server maintenance and environment management (Linux-based HPC)
- Data processing and analysis with R or Python

Other Responsibilities

- Contributing to the development of Deep Learning pipelines for species distribution modeling
- Data summary and visualization

Your Profile

- Currently enrolled at the University of Regensburg
- Student from Computer Science, Informatik or a related field - students from other programs with relevant skills are also welcome to apply
- Advanced Linux skills
- Good working knowledge of Python and/or R
- Comfortable communicating in English

Nice to Have

- Open to working on the project long term (1+ year)
- Experience or interest in Deep Learning (e.g. PyTorch, Torch for R)
- Familiarity with geospatial or remote sensing data (e.g. satellite imagery, rasters)

Contact

If you are interested, please send us an informal application including your experience (e.g. GitHub, past projects, or other) and motivation at johanna.royer@ur.de