



The research unit of **Remote Sensing (RS)** of the **Department of Geodesy and Geoinformation (GEO)** is looking for a

Summer Student

to work **full time** (40 hours/week) for **2 months** during the summer holidays (July – September 2023).

The **RS group** (<https://mrs.geo.tuwien.ac.at/>) engages in fundamental remote sensing research and develops methods, algorithms and open source code in Python for processing remote sensing data in order to generate value-added products from radar backscatter observations such as soil moisture, vegetation optical depth, wetland maps, drought-warning indicators, and others. Furthermore, the group develops novel applications by collaborating with scientists from many other fields such as hydrology, climate change, meteorology, and agronomy.

You will support the team with various programming tasks in specific research projects dealing with the topics described above. Details will be defined upon start of the contract based on your qualifications and interests.

Strong programming skills (Python) and the capability to work efficiently and independently are required. A good statistical or mathematical background, and basic knowledge in radar data analysis, Deep Learning (Tensorflow/Keras Libraries), and image processing would be an advantage.

The salary for this position is based on the Austrian regulations for university staff. The monthly minimum salary will be € 2.380,20 (gross, based on full-time employment).

The application should include:

- Curriculum Vitae
- Your availability in July, August, and/or September

If you are interested, please send your application with the subject **“Summer Student - Remote Sensing”** to rs-sek@geo.tuwien.ac.at until **15.03.2023**.