

Student Assistant (m/f/d) – Forest Data Processing & Validation

About 44moles

44moles is a digital forest inventory company developing LiDAR based solutions for forest measurement and analysis. We combine field data collection, laser scanning, and advanced data processing to support modern forestry and environmental monitoring.

Position

We are looking for a motivated **Student Assistant (m/f/d)** to support our forest data processing and validation workflows.

Location: Göttingen (on-site)

Working hours: 80 hours a month, 15 euro per hour

Contract: Fixed-term 3 month student position

Your Responsibilities

- Manual validation and quality control of automatically processed forest inventory data
- Review and verification of tree attributes such as diameter at breast height (DBH), tree height, and stem detection results
- Support with terrestrial laser scan registration and pre-processing workflows
- Point cloud inspection and quality assurance using software such as CloudCompare and Leica Geosystems applications
- Data organization, documentation, and management in Excel
- Collaboration with forestry, GIS, and data science team members

Your Profile

- Currently enrolled in Forestry, Ecosystem Science, Ecology, Environmental Science, Geomatics, Geography, or a related field
- Careful, structured, and detail-oriented working style
- Interest in forest inventory, LiDAR, remote sensing, or geospatial technologies
- Basic proficiency with Excel
- Good English communication skills
- Experience with CloudCompare, Leica Geosystems software, GIS, or point cloud processing is an advantage but not required

Does this sound like you? Interested parties should send a CV and cover letter to Mr. Dima Savranski at savranski@44moles.com.