

## INTERN/WORKING STUDENT (M/F/X) GEO INFORMATION SYSTEMS (GIS)

Suntrace GmbH is an international consulting company for large solar energy projects. We are headquartered in Hamburg, and advise worldwide on planning, financing and realisation of such large infrastructure projects. We support our clients in finding promising sites by satellite-derived maps, qualify sites by ground-based solar-specific measurements, planning layout, calculating energy yields and financial returns. Our customers are IPPs, project developers, EPCs, financial institutes or governmental organisations. Suntrace is specialised in developing and emerging markets active in >40 countries.

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**Date**  
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**We are currently looking for an intern starting with at least 1 month full time and the interest to continue as a working student  $\geq 8$  hours per week.**

### Your responsibilities:

- Search and implement geo-spatial data sets suitable for our consulting tasks: Digital Elevation / Surface Models (DEM/DSM), land use, satellite-derived resource data sets
- Operate, improve and set up GIS-processing routines in QGIS
- Support the evaluation of meteorological and other site-specific measurements
- Maintenance of a HDF-based data base for time-series and areal data sets
- Literature and data research

### Your profile:

- Student preferably of geomatics or geography with specialization in GIS
- At least in the 3<sup>rd</sup> semester with intention to continue as a working student
- Interest in remote sensing and quantitative evaluations
- High level computer skills – preferably under MacOS, but also in Linux or Windows
- Fun and interest in programming – preferably in Python
- Initiative and autonomy, analytic and conceptual thinking, structured working
- Very good knowledge of English
- Specific experiences in QGIS would be an asset

### We offer:

- Working on exciting solar power projects in Europe, Africa, Latin America and Asia
- Dynamic international team headquartered in Hamburg with office directly at the Elbe
- Interesting tasks and practical experience in solar energy projects

Please send your cover letter, CV and certificates in a single PDF-file as soon as possible via email ([hr@suntrace.de](mailto:hr@suntrace.de)) with subject "GIS Intern/Working Student" to Ms. Sabrina Braemer. Your application may be in German or in English. Please mention your earliest availability and how long your internship may be. Please also indicate whether the internship would be a mandatory part of your studies and how many hours a week you would be available.