

Job offer, 26 November 2021



CSP Services is an innovative service and technology company in the solar industry, which was founded in 2007 as a spin-off from the German Aerospace Center (DLR). We develop technological innovations and implement smart solutions to advance renewable energy projects around the globe. As a link between academic research and large industrial ventures, we strive to make an impact on a sustainable future. To reach this goal, we offer developers, operators and owners of solar power plants technology-oriented and knowledge-intensive services, starting with solar resource assessments, through quality monitoring during construction and operation, to long-term optimization of yields. With our specialized optical measurement systems, we are world market leader in the quality assurance of concentrating solar fields. For further information please visit our website www.cspservices.de.

CSP Services España, S.L. is based in Almería at the Mediterranean coast in the south of Spain. We work very closely with our headquarter in Cologne. Many projects are implemented in a division of labor between the local teams in order to make optimum use of the know-how of the entire group. In **Almería** we are looking for:

Project Engineer: Solar Field Measurements CSP/PV (m/f/d)

The solar field “harvests” the sun and provides heat (concentrating solar power, CSP) or electricity (photovoltaics, PV). The energy output depends on the solar field quality. The Project Engineer will develop and conduct measurements to assess and improve the quality of the solar fields for our clients from both PV and CSP industries. This includes campaigns at sites, mainly in Spain, but also world-wide. Several of those measurements will be conducted by drone which the candidate will operate. We are looking forward to meet a hands-on candidate that brings in technical skills and likes a close contact to clients and working in the field. On the other side, the candidate should be skilled in technical developments and eager on performing complex tasks in R&D environments.

Your tasks:

- Planning and execution of measurement campaigns in solar power plants (mainly drone-based)
- Evaluation and analysis of measurement data using applied computer vision
- Elaboration of reports and technical documents in English language
- Coordination of projects with international clients, partners and subcontractors
- Further development of optical inspection systems and services
- Advanced programming of image analysis, evaluation algorithms and simulation tools
- Participation in and coordination of publicly funded R&D projects with international partners
- Technical sales meetings and preparation of commercial offers

Required profile:

- Excellent graduation in engineering, computer science, physics, robotics or similar
- 3+ years of professional experience in the solar sector - photovoltaics (PV) or concentrating solar power (CSP) – connected to site inspections, maintenance, performance assessments or business development
- Good programming skills with proven experience (any of MATLAB, Python, C++, R, Java)
- Experience in applied computer vision, machine learning, digital twins or photogrammetry
- Experience with operation of drones, or willingness to become a certified drone pilot
- Analytical skills, creativity and good communication
- English language proficiency in business as well as in technical context
- Very good knowledge of Spanish or German (knowledge of both is a plus)
- Team player with an open-minded attitude towards new challenges and foreign cultures
- Excited about living in Almería and occasional international travel
- Motivation to support the global energy transition by assisting on sustainable energy projects

Our offer:

- Full-time, fixed term contract, with desired permanency afterwards
- Experience and performance related salary with bonus payments
- Teamwork with motivated high-level experts and modern office equipment
- Flexible working hours on a flex-time basis
- International working environment and networking with cutting-edge research
- State-of-the-art large-scale metrology and drone systems

Your profile fits our requirements and you are enthusiastic about this task? Then please send your complete application documents, including your salary expectations, an indication of your earliest possible starting date and a letter of motivation (1 page) in a single document (pdf) to Mr. Gradl (jobs@cspservices.de). All incoming applications will be treated in strict confidence.

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