



<https://workgroup-solutions.com/job/fd-mo-gs-engineer/>

System/Ground Segment/Flight Dynamics/Mission Operation /Ground Stations Engineer

Description

Exciting Career Opportunities at ESOC in Space Technology, Operation and Engineering

We are excited to offer multiple career opportunities at the European Space Operations Centre (ESOC) through WGS Workgroup Solutions GmbH. Join us in working on innovative projects in satellite operations, ground station, systems engineering, flight dynamics, mission operations, and ground segment engineering. If you are a skilled professional in aerospace engineering, software development, computer engineering, or a related field, we invite you to explore various positions within our company.

Responsibilities

Available Positions:

We are currently seeking talented individuals for roles including:

- **Ground Segment Engineering** – Design, develop, and maintain ground segment systems for satellite operations.
- **Mission Operations and Engineering Support Services to Space Traffic** – Support flight dynamics, precise navigation, and mission operations.
- **Flight Dynamics and Precise Navigation Support Services** – Provide trajectory analysis, orbit determination, and operational support for Earth observation missions
- **Flight Operations Engineering Services** – Support flight operations, system maintenance, and spacecraft performance analysis.
- **System Application Engineer** – Develop and optimize system applications for space missions.
- **RF and Optical Systems Engineering** – Design and develop communication systems, including antennas and radar technologies.
- **System Design & Development of Antennas and Radars** – Innovate and enhance spaceborne and ground-based sensing technologies.
- **Backend Software Developer** – Develop and maintain software applications supporting space mission operations.

Qualifications

The candidate shall possess some of the following qualifications and skills relevant to the position:

- Background in Aerospace, Electrical, Mechanical, Software, Computer Engineering, or related fields.
- Experience in satellite data processing, flight dynamics, or ground stations engineering.
- Proficiency in programming languages such as Python, C++, MATLAB
- Experience with the routine operations of LEO and/or GEO satellites.

Hiring organization

WGS Workgroup Solutions GmbH

Employment Type

Full-time, Part-time

Job Location

Darmstadt

Date posted

February 5, 2025

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- Experience with one or more of the following: Java, TCL, Fortran
- Knowledge of RF/Optical communication systems, mission operations, and system design, Earth Observation
- Strong problem-solving abilities and the capacity to work in dynamic, multidisciplinary teams.
- Previous experience at ESOC is an advantage
- Fluency in English is required; additional language skills are a plus.

Contacts

Interested applicants should submit their CV and Cover Letter in Europass format, either through the website or by emailing the WGS recruitment team at ***vacancies@workgroup-solutions.com*** before **31.03.2025**.