CGI

Founded in 1976, CGI is a global IT and business process services provider delivering high-quality business consulting, systems integration and managed services. With 68,000 professionals in 40 countries, CGI has an industry-leading track record of delivering 95% of projects on-time and on-budget, aligning our teams with clients' business strategies to achieve top-to-bottom line results.

For our office in Darmstadt/Germany we are looking for:

Junior/Senior Flight Dynamics Engineers

CGI is one of Europe's leading suppliers of mission control systems for spacecraft and monitoring and control systems for ground stations. We are seeking talented junior and senior engineers to further strengthen our team and help us deliver some of the most exciting control systems in Europe. Our team is based in Darmstadt, Germany.
With our global client base there are many opportunities for travel and for longer assignments both within Germany and overseas.

Tasks:

You will join a team specialised in one of the following areas:

- Spacecraft - Orbit Determination and Control
- Spacecraft - Attitude Monitoring and Control
- Spacecraft - Command Generation

The Flight Dynamics team members perform all operational activities related to controlling the spacecraft orbit and attitude. As team member you will be involved with the complete systems and operational lifecycle for the actual spacecraft operations, ranging from early capturing of requirements, to design, implementation and testing of the flight dynamics systems & tools and finally with performing actual critical (for example, launch) and routine operations. The Flight Dynamics team members are usually involved in many satellite missions at the same time which means you combine development of new systems for upcoming missions with critical and/or routine operations for active satellites in space.

The work in Flight Dynamics is continuously changing, challenging and highly technical. The working environment is completely pan-European and very dynamic. The working language is English.

Qualifications:

The following expertise will be valuable:

- Attitude and Orbit Control Systems / sensors & actuators
- Orbit determination using tracking data or GPS
- Orbit planning and control
- Optimisation, Filtering (batch least squares method), Control theory, Robotics
- Fortran, Matlab, Mathematica, script languages
- Unix/Linux

Perspectives:

You will be working as part of an international, dynamic and successful team on some of the most challenging and exciting Space projects in Europe. CGI recognises and rewards talent and success and there are real opportunities for rapid career progression within our organisation. The company's broad range of business areas ensures you also have excellent long term opportunities. Our flexible working practices make a significant contribution to a good work-life balance.

Interested?

Then contact: spacejobs@cgi.com

Further information on our space business: www.cgi.com/en/governments/space