



Satellite Spectrum Coordination and Interference Analyst

Internship / Co-Op

An exciting opportunity to get hands-on experience in geostationary and non-geostationary satellite frequency coordination and interference analysis/management

About ManSat

ManSat is the world's largest commercial satellite spectrum provider and helps companies secure the orbital and spectrum resources they need for their projects whether for telecom, Earth observation, or space research.

For more than 20 years, ManSat spectrum has provided connectivity to more than 3 billion people around the world and supported clients from NewSpace start-ups to global geostationary satellite operators and government authorities. The company has built an enviable reputation as the consultancy of choice for many key players in the satellite industry.

Role Description

Minimum 3-month internship/co-op to start immediately

This is an exciting opportunity to support ManSat's impressive portfolio of clients. The role will appeal to a student that enjoys leveraging top-level analytical skills to drive cutting edge satellite business decisions. The ideal student is a self-starter who enjoys working both independently and within a team.

Responsibilities would include assessing and supporting the introduction of ground-breaking technologies or innovative solutions by developing Radio Frequency interference analyses.

The successful candidate will benefit from hands-on experience in the regulatory/spectrum side of the satellite business and will develop skills and knowledge in high demand across the satellite industry.

Depending on their profile and motivation, the candidate might be offered an industry placement (gap year in industry) for the 2021/2022 academic year. This will mean experiencing real work and real responsibility from the first day, with the benefit of an experienced team to help you to realise your full potential and gain real industry experience while developing new skills.

Intern duties and responsibilities

- Assist ManSat in the day-to-day spectrum management activities
- Identify and solve concrete/complex problems that arise in frequency coordination
- Develop interference analyses to explore & assess new avenues for ground-breaking services
- As necessary, support client's technical questions



- The successful candidate for the industry placement will be exposed to a much greater variety of tasks and will enjoy an increasing level of responsibility and client interaction

Intern Requirements and Qualifications

- Advanced undergraduate or postgraduate in Engineering, Computer Science, or in a relevant technical area
- Strong interest in space and related technologies
- Self-directed and able to work with minimal supervision
- Energetic and eager to tackle new projects and ideas
- Radio-frequency engineering experience (desirable)
- Full working proficiency with MATLAB
- UK national or right to work in UK

Reporting and Location

The position will report to the Chief Consulting Officer. Location is flexible and home-based, but London would be preferred.

Compensation

The successful candidate for the internship will be required to work 40 hours a week and will be paid the London Living Wage rate of £10.85 per hour. They will have 'worker' status and will be entitled to 28 days paid holiday per year (pro-rated over the duration of the internship) as the statutory annual leave.

A more attractive package will be offered to the successful candidate for industry placement.