

Telescope Operations Scientist

2021 Permanent contract (CDI) – Paris Region

Engineer / Scientist / PhD

To start as soon as possible.

Who are we?

Share My Space is a startup of the New Space poised to become a global leader in the Space Situational Awareness market. Our current activities range from telescope observations to on orbit collision risk predictions, business intelligence and space surveillance for commercial and governmental satellite operators.

We are looking for a Telescope Operations Scientist to ensure the development of the observational segment.

Job description

The new recruit will be in charge of the observational segment at Share My Space. Based on its technical and scientific skills in optics, celestial mechanics, and astronomy, she/he will take responsibility for observational tasks, the automation of the network of telescopes and the deployment of new observatories. The ambition of Share My Space is to build the most complete catalog of objects larger than 1 cm by mean of a new generation of telescope networks and to become a leader as data provider.

A) Management

- 1) Join our scientific and engineering team and become responsible for small working groups and hardware facility.
- 2) Organize observation campaigns;
- 3) Manage relationship with suppliers;

B) Engineering

- 1) Operate the network of telescopes from the scheduling of observations to the image processing;
- 2) Run image processing algorithms. Monitor and enhance data quality;
- 3) Optimization of the observation steering and coordination of the telescopes;
- 4) Design of the next generation of optical observation stations;
- 5) Review existing concepts and software in the field of astronomical observations.

Experience and Qualification

- You have a solid background in astronomy and aerospace engineering with a master's degree or PhD in the relevant fields;
- You have some relevant programming experience in Python and at least one other programming language;
- You have the spirit of a pioneer and a creative mindset;
- You have very strong team management skills;
- You like the field work and are motivated for **frequent/occasional** nightly working hours;
- You have excellent oral and written communication skills both in French and English.

Your advantages

- Work within a young and dynamic team with flexible schedule and large growth opportunity
- Partial refund of your public transport expenses
- Salary: 32 - 62k€ to be negotiated depending on the profile
- Access to company capital to be discussed

Recruitment process

- Send your CV and cover letter at contact@sharemyspace.global
- 20 min phone interview
- 2 x 45 min physical interviews

Contact

Damien Giolito, CEO, damien.giolito@sharemyspace.global

Romain Lucken, CTO, romain.lucken@sharemyspace.global