



ALTAEROS



Position: RF Engineer (full time, immediate)
Location: Somerville, MA (next to Boston, Cambridge)
Contact: altaeros.jobs@altaeros.com

Rapidly Expanding High-Speed, Affordable Connectivity to Rural Communities Globally

At Altaeros we believe everyone should have access to the basic building blocks that allow a fulfilling, prosperous life, whether they live in a megacity or in the most rural of villages. We also believe in the power of innovation to make this a reality. Our SuperTower uses the world's first autonomous aerostat platform to permanently deploy high-speed mobile broadband in rural markets at a fraction of the cost of alternatives. With this new class of communication infrastructure, we aim to help hundreds of millions of people get online for the first time, unlocking untold new opportunities.

The SuperTower operates 250m above ground and can cover up to 10,000 km² per site, requiring a new approach to network planning and optimization. The RF Engineer will be responsible for the oversight, design, deployment and optimization of highly innovative telecom systems for increased coverage and capacity for wireless service providers. They will be an integral part of Altaeros' telecom engineering team and will work closely with the rest of Altaeros' highly multi-disciplinary team to deliver a fully integrated, cohesive telecom solution that exceeds our customers wildest dreams.

Altaeros is a rapidly growing team working in a fast-paced, dynamic environment. We are looking for someone with deep proficiency in RF engineering, who has the creativity, passion and drive to improve the paradigm for rural connectivity.

If interested, please submit your resume and cover letter with the subject "RF Engineer – Applicant Name" to altaeros.jobs@altaeros.com.

Within your first 6 months you will:

- Reach a high level of familiarity with the SuperTower solution and it's many potential uses
- Design, build and test multiple telecommunication payloads, across a variety of technologies including LTE (data and VoLTE), 5G, P2P/P2mP, IoT, etc.
- Work closely with carriers and equipment providers to optimize SuperTower performance with current networks
- Develop creative solutions to maximize the performance of the SuperTower for several telecom applications

Qualifications:

- BS/MS in RF engineering or equivalent and 5+ years relevant engineering experience, including hands-on work
- Solid understanding of current and emerging wireless technologies
- Subject matter expert in the use of RF propagation and network planning tools
- Experience with scripting and O&M tools and software. Experience with Ericsson tools and equipment preferred
- Ability to communicate information and ideas clearly and concisely, in writing and verbally
- "Startup Attitude": Quick learner, passionate, nimble, comfortable making sense of chaos in a rapidly changing environment, and eager to embrace creative/non-traditional solutions