



ALTAEROS



Position: Senior Systems 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 Senior Systems Engineer will lead systems engineering efforts on one or more design efforts, facilitating system level design decisions and owning system level design documentation. They will work closely with a multi-disciplinary engineering team and will solicit input from business development, regulatory, production and others to create a comprehensive set of requirements. The Senior Systems Engineer will ensure that design decisions in one area adequately support needs in other areas, minimize overall system risk, and ensure the entire team is continually aligned around building the right product.

Altaeros is a rapidly growing team working in a fast-paced, dynamic environment. We are looking for someone with an exceptional breadth of engineering proficiency as well as significant systems engineering experience. They will be expected to jump into a highly complex, multi-disciplinary project and quickly come up to speed to begin driving decisions and adding value. Compensation includes salary, equity, and benefits.

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

Within your first 6 months you will:

- Reach a high level of familiarity with the SuperTower family of products
- Work hand-in-hand with a multi-disciplinary engineering team to generate and separate actual from perceived requirements, perform detailed failure mode analyses, and conduct safety analyses
- Own and maintain system diagrams, ensuring all critical design aspects, information, and interfaces are captured
- Develop subsystem and system test plans and evaluate subsystem and system performance

Qualifications:

- BS/MS in engineering or equivalent and 4+ years of systems engineering experience
- Strong engineering intuition across range of disciplines (mechanical, electrical, thermo, controls, dynamics, aero)
- Highly detail-oriented working style, combined with ability to see the big picture and its interaction with the details
- Strong drive, initiative, organizational skills. Good illustrator and communicator
- Good chess player (ie. ability to think through what-if scenarios with multiple decision or event steps)
- Ability to dispassionately arbitrate design decisions, including both technical design tradeoffs as well as decisions on risk vs. assumptions vs. design thoroughness
- "Startup Attitude": Quick learner, passionate, nimble & adaptable