ALTAEROS

Position: Flight Data Analyst Intern (January 2019)
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.

Altaeros seeks a Flight Data Analyst Intern to assist with avionics and telecoms data analysis for the Altaeros SuperTower. The ideal candidate will have experience coding in MATLAB and a background in software development, together with exposure to test data analysis. He or she is a fast learner and thrives in a fast-paced, dynamic work environment working to solve some of the most exciting and important global challenges.

If interested, please submit your resume and cover letter with the subject "Flight Data Analyst Intern – Applicant Name" to altaeros.jobs@altaeros.com. Please feel free to share any work examples, from classwork or elsewhere, as well.

Responsibilities:

- Matlab coding to perform post-processing and analysis of flight data, including both avionics and 4G telecom data
- Maintaining existing codebase and improving robustness toward commercial application
- Opportunity to be involved in a wide range of additional activities in a dynamic engineering team

Qualifications:

- 2+ years' experience using MATLAB and Simulink for data analysis.
- Object Oriented Programming experience
- Familiarity with automated test framework such as unit test and functional test.
- Outputs high quality work and pays attention to detail.
- Comfort with large datasets and automated data processing.
- Junior, Senior, Graduate Student, or recent graduate in Aerospace or Mechanical Engineering, Computer Science or a highly-related field.
- 'Startup Attitude': Quick learner, passionate, nimble & adaptable