

Position: Mechanical Engineering Intern  
Time: Summer 2017  
Location: Somerville, MA (just outside Boston)  
Contact: [jobs@altaerosenergies.com](mailto:jobs@altaerosenergies.com)



Altaeros Energies seeks mechanical engineering interns to assist in at least one of the following areas: 1) Structural design and analysis; 2) Electro-mechanical system design (blowers, motors, sensor and component mounting, etc.); 3) Prototyping and testing. Candidates who have relevant skills in more than one area will be given particular consideration. We are looking for makers – please don't hesitate to share your portfolio with us.

Altaeros' core platform uses a helium-filled, inflatable shell to lift energy generation, communication and other payloads up to 600m above ground. Applications include energy and telecom in rural and remote areas around the world. Altaeros provides a fast-paced, dynamic work environment, and our interns are expected to quickly take on significant responsibility as they work with the team to further the company's goal of commercializing the world's first autonomous tethered airborne platform.

The internship will start at the beginning of the Spring Semester and will last for the duration of the term. The position will be paid. Altaeros is particularly interested in meeting candidates that may wish to remain involved with the company after the internship ends. Please send a resume and brief introduction with [Mechanical Engineering Summer 2017 Intern] in the subject to [jobs@altaerosenergies.com](mailto:jobs@altaerosenergies.com).

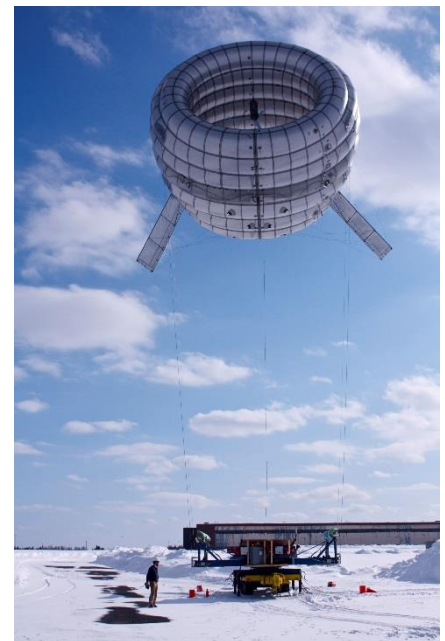
#### Qualifications:

- Junior, Senior, Graduate Student, or recent graduate in Mechanical Engineering or similar field. Exceptional first and second year students will also be considered.
- Skills and training appropriate to the area (CAD: Autodesk Inventor/SolidWorks; FEA; Matlab & Simulink; Excel)
- Hands-on experience of design, build, test process for mechanical systems
- Ability to work independently to deliver high quality results on time
- 'Startup Attitude': Quick learner, passionate, nimble & adaptable

#### Responsibilities/Activities:

Responsibilities and activities may change as the technology evolves, but typically includes many of:

- CAD design
- Structural analysis
- Component selection and integration, and vendor interaction
- Manufacturing support, and lab and field system testing



The applicant will work with sub-systems and components that include the airborne systems as well as the ground station structure & systems.

#### About Altaeros Energies, Inc.

Our mission is to deliver the next generation of infrastructure to rural and isolated communities around the world - and to have fun doing it! We combine proven technology with flight control innovations that enable cost effective autonomous deployment of tethered airborne platforms. Applications for Altaeros' products include power generation, telecommunications, and technology enabled agricultural services. Founded in 2010, Altaeros launched the world's first fully functional airborne wind turbine in 2012 and is now working to develop the first commercial version. Altaeros Energies is located in the Greentown Labs in Somerville, MA, the largest Cleantech incubator in North America.