MECHANICAL DESIGN ENGINEER INTERN

Posting ID: IN17222500
Company: Bigelow Aerospace
Company Website: http://www.bigelowaerospace.com
Work Location: North Las Vegas
Salary: Depends on experience
Position Type: Can be either full time or part time
College Major(s): Mechanical Engineering (ME)
College Level(s): Graduate Student

OVERVIEW

Bigelow Aerospace, a NASA contractor, is an established Company with a mission to provide affordable destinations for NASA, foreign space agencies, and corporate clients. In 2006 and 2007, we launched our orbiting prototypes Genesis I and Genesis II. BEAM was launched to the International Space Station on April 8th, 2016. We seek to assist human exploration and the discovery of beneficial resources, whether in Low Earth Orbit (LEO), on the moon, in deep space or on Mars.

Roles and Responsibilities
Under the instruction of our Mechanical Engineering staff, you will design components and/or assemblies based on a set of requirements and constraints.
Gather and understand the project design requirements.
Perform related analysis and classical hand calculations to optimize design of product.
Modify and revise designs based on cost and manufacturing capabilities.
Work with structural analysis to verify capabilities of structure before fabrication.
Organize design reviews and presentations among peers to gain design feedback.
Prepare manufacturing drawings to ANSI Y14.5M standards using GD&T for manufacturability and repeatability.
Process design and documentation revisions according to proper procedure established by Bigelow Aerospace AS9100D Quality Management System requirements.

Education and Qualifications
BS in Mechanical, Aerospace or equivalent engineering field.
Experience with SolidWorks software.
Knowledge of ANSI Y14.5M standards and GD&T.
Comfortable with hands-on work.
Preferred Skills

How to Apply
http://www.bigelowaerospace.com/bigelow-careers/