

Job ID: 53
Posted: 12/17/2013
Application Deadline: 01/17/2014



Avionics Engineer

Compensation: Salary - Negotiable
Work Schedule: Full Time
Location: Orlando, Florida
Start Date: Contract Pending (Estimated Start Date: February 3rd, 2014)

I. Responsibilities

- Design, development, and testing of lunar lander avionics hardware and software platform
- Design, development, and testing of communication system
- Selection and procurement of avionics hardware and software
- Design and development of mechanical/ environmental packaging of avionics componentry
- Development of avionics testing plans and platforms
- Cross-collaboration amongst different divisions for spacecraft system design and development
- Integration of avionics platform with lunar lander sub-systems
- Assist in establishment and coordination lunar-lander ground system communications

II. Requirements

- BS aerospace, computer, electrical, or equivalent
- Minimum 2 years experience in space-systems development
- Must be willing to travel
- Proficient in MS office, C++, Python, embedded systems
- Ability to adapt quickly to changes and work autonomously or with a team in an entrepreneurial environment

III. Preferred

- MS, aerospace, computer, electrical, or equivalent
- Hands-on experience with Avionics hardware and/or software

About the Company:

Earthrise Space Foundation (ESF) is a Florida-based 501(c)(3) non-profit corporation dedicated to developing space technology in collaboration with industry and academic institutions. The main focus is to create technologies for commercial space transportation systems that focus on landing and operating on the lunar surface and other astronomical bodies, through low cost off-the-shelf reliable commercial space products, and support services. ESF efforts involve professionals from the aerospace industry working with aspiring engineers through challenging ventures, providing them with hands-on experience to prepare them for future employment in the entrepreneurial space industry.

ESF Facility Location:

3251 Progress Drive
Suite D, Room 232
Orlando, FL 32826

Please send an email to jobs@earthrise-space.org with the following subject: *Avionics Engineer – (Your Name Here)*. Email should include one PDF that has a cover letter and resume. You will be notified by the Hiring Manager via email if you have been selected to come in for an interview.