Job Description
Engineering Intern – Mechanical Engineering

Atomos Space is a venture-funded startup in Denver, CO seeking to reduce the cost of access to space by developing orbital transfer vehicles (OTVs) to solve the “last mile” problem in Earth orbit. As an intern, you will assist with mechanical design of spacecraft subsystems and structure as well as engineering analysis and FEA. This is a virtual internship, as the team is currently all working from home due to COVID-19. This may change, but the baseline internship will be remote. You can work from anywhere in the U.S., but the schedule will be based on Mountain Daylight Time.

Responsibilities
- Will design layouts, structures, and bracketry for Atomos’ Quark OTV and perform structural analysis on these components
- Will create engineering drawings, manufacturing instructions, and test plans, and assist in the prototyping and testing of various subsystems

Qualifications
- University coursework in Mechanical Engineering
- Current Junior, Senior, or grad student
- US Person*

Desired Experience
- Independent academic project, internship, or previous work experience in mechanical design/analysis
- Experience using CAD and FEA software to design and analyze mechanical systems
- Experience using SOLIDWORKS and SOLIDWORKS Simulation
- Experience manufacturing and testing mechanical systems and components
- Experience with thermal design

Logistical Information

Start date: TBD (likely May 2021)
Duration: Flexible (3 months preferred)
Location: USA

Please submit resumes or CVs to chad@atomosspace.com with the following subject line format: [Mechanical Internship] Last Name, First Name.

Cover letter is not required but preferred.

*NOTE: This position is subject to Export Control Laws (U.S. State Department regulations at 22 C.F.R. Subchapter M and the U.S. Department of Commerce's Export Administration Regulations found in 15
C.F.R. Part 730). If you are not (a) a citizen of the United States; (b) a lawful permanent resident of the United States; or (c) a person admitted into the United States as an asylee or refugee and wish to be considered for a position not subject to Export Control Law, please email info@atomosspace.com.