



Intern - Engineer

REACTION ENGINES INC

Pioneering innovation. Seamless teamwork. Unparalleled skill.

Our people have always been our most valuable asset. They are brilliant problem solvers who believe challenges are opportunities. Reaction Engines takes pride in attracting the industry's brightest minds and it is their diverse sets of skills, personalities and experiences that will help us achieve our ambitious goals. Sound exciting? Then join us on our epic journey.

JOB SUMMARY

Responsibilities

- Assist with engineering tasks in the design and analysis of advanced propulsion and thermal management systems.
- Work with team engineers in the development, fabrication, and testing of advanced propulsion and thermal management systems.
- As needed, aid in the preparation of technical reports and other required project documentation.
- Provide feedback to improve company analysis tools, policies, and datasets.
- Performance of additional engineering or business support tasks as assigned.

Basic Qualifications

- Working towards a Bachelors or Masters degree in Aerospace or Mechanical Engineering, Applied Physics, or other equivalent field of discipline from an accredited institution.
- Hands-on experience through lab research projects, project teams, or work experience.
- Must comply with all applicable import and export control laws and regulations including, ITAR and EAR regulations.
- The ability to conform to U.S. Government space technology and advanced propulsion export regulations, applicant must be a U.S. citizen or lawful permanent resident of the U.S.

Desired Qualifications

- Experience with aerodynamics and/or cycle analysis of turbine and/or rocket engines
- Experience with thermal properties, calculations; combustion parameters
- Experience with designing and manufacturing aerospace components
- Experience in testing aerospace hardware, troubleshooting and redesign
- Experience with CAD and other design and visualization tools
- Coding experience in any of: Matlab, Scala, Python, C/C++, Fortran



Skills & Behaviors

- Strong engineering/development skillset (design/development/mechanical & electrical)
- Practical mind-set, strong creative problem-solving skills and positive “can do” attitude
- Ability to think in an entrepreneurial way
- Self-motivated, driven, and able to work independently
- Good oral and written communication skills
- Demonstrates behaviors consistent with Reaction Engines’ core values:
 - Commitment
 - Innovation
 - Trust
 - Quality
 - Teamwork

ADDITIONAL INFORMATION

Experience Level: Intern

Work Schedule: Our 9/80 work schedule features every other Friday off resulting in a 3-day weekend every other week.

Location: Littleton, Colorado, United States

Telecommuting: Interns may be able to telecommute; at the discretion of company management and current internship needs.

Travel: None

Expected Salary Range: For Colorado applicants, candidates can contact careers@reactionengines.com

Benefits: Interns are not eligible for benefits if the internship is less than 4 months. Reaction Engines Inc does offer paid leave, health care benefits and retirement options should the internship transition into a permanent option.

How to apply: Email a cover letter and resume to careers@reactionengines.com quoting US Job Intern - Engineer

Closing Date: 05 April 2021

Reaction Engines makes employment decisions based upon the capabilities and merits of qualified candidates without regard to race, color, religion, gender, gender identity, sexual orientation, marital status, age, veteran status, disability status or other protected legal status.