



Honeybee Robotics is seeking a **Mechanical Engineer level II or III** for our Pasadena, CA facility

Position Summary:

The Mechanical Engineer works with a multi-disciplinary team in product design, build, and testing of unique robotic systems.

Responsibilities:

- Mechanism design which includes bearings, gears, motors, springs, and other approaches
- High Reliability mechanical design and analysis for long life space applications
- Generating fabrication documentation and vendor specifications
- Assembly and test including environmental testing, shock, vibration and thermal
- Motion Control for spacecraft actuation
- Data acquisition systems configuration and testing support
- Proactively identify roadblocks to technical progress and take steps to mitigate/avoid
- Review test data and recommend changes to products and/or processes

Required Experience, Skills and Education:

- US Person (Citizen or Permanent Resident)
- BS (or MS) in Mechanical or Aerospace Engineering (or equivalent, e.g. Robotics, Mechatronics etc.)
- GPA>3.3
- Proficient with a variety of computer aided design & analysis
- Excellent reporting and presentation skills

TO APPLY: Visit our career site at <https://www.honeybeerobotics.com/about-us/careers/> or send your resume directly to jobs@honeybeerobotics.com

We offer excellent benefits, including; medical, dental, vision; life insurance; STD and LTD insurance; FSA/HSA, 401(k), paid holidays, vacation pay, sick leave, and tuition reimbursement.

Honeybee Robotics creates specialty robots, electromechanical flight subsystems, automated drills and other machines destined for work on Earth, Mars and beyond. We make next-generation applications a reality through creative, collaborative engineering that combines the best minds with innovative technology.

Since 1983, we have completed more than 300 advanced projects for NASA, the US Department of Defense, academia and industry. Every Martian rover since 2003, has relied on systems built by Honeybee Robotics. Our passion for the planet continues as we work on future systems for Mars, planetary moons and asteroids.

Learn more about Honeybee at www.honeybeerobotics.com and our parent-company Ensign-Bickford Industries at www.ensign-bickfordind.com .

Honeybee Robotics is an equal opportunity employer and we value diversity at our company. We do not discriminate based on race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.