Mechanical Engineering Intern

Reports To:

The **Mechanical Engineering Intern** will report to the **Mentor& Project Manager.**

Ad Astra Rocket Company (Ad Astra) is a small US R&D company dedicated to developing advanced plasma rocket technology for in-space transportation. The internship opportunity is for our Webster, TX facility, about 25 miles south of downtown Houston. Ad Astra also owns and operates a small subsidiary, located in northwestern Costa Rica and primarily focused on developing and implementing clean energy solutions based on green hydrogen for both stationary and mobile applications.

General Aspects of the Internship:

The intern will be expected to help provide innovative solutions to the company's research and development efforts for the VASIMR® program. Upon selection, the intern will be assigned a mentor to guide tasks and projects. The work environment will be highly integrated and cross-disciplinary, requiring coordinated efforts across the VASIMR® program.

The team is informal, family-like, and collegial in its interactions. We thrive on mutual respect and professionalism. We are passionate about our mission and believe deeply in the value of our work and the technology we are creating.

Summary

We are looking for individuals who are passionate about learning, open to mentoring by top professionals, and eager to develop problem-solving skills through coaching and customer service. The role requires organization, time management, and communication skills.

The 2026 Summer Internship program will be on-site at Ad Astra in Webster, Texas, from **June 1, 2026, to August 21, 2026.** Interns are responsible for arranging their own transportation and accommodations, as no relocation or housing assistance will be provided.

- Document design, analysis, and test output to support review and approval of system development.
- Present results of tests and evaluations to EVA technical teams.
- Other duties as assigned.

Education & Experience

- Rising Junior, Senior**,** or Advanced Degree (MS/MA or Ph.D.) in Mechanical Engineering or related field
- Cumulative GPA 3.0 or higher

Ad Astra Rocket Company
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Physical Requirements:

- Ability to lift up to 50 lbs. (i.e., instruments, books, equipment, small devices, and supplies).
- Ability to stand or be seated for long periods of time.
- Stooping, reaching, climbing, working on a ladder, and bending may be periodically required

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