A space-based solar company is looking for a Mechanical Engineer to join their team onsite on a full-time basis in Hawthorne, CA. In this role you will prototype, iterate, and qualify critical spacecraft subcomponents— prioritizing real-world performance, simplicity, and mechanical elegance. We're looking for engineers who thrive under pressure, embrace scrappiness, and consistently deliver under tight timelines.

If interested, please send your resume to teresa@innovativerecruitmentsolutions.com

Responsibilities

• Deliver spaceflight-ready mechanical systems from concept through orbit

• Own spacecraft subassemblies and mechanisms from design to flight

• Conduct reliability analysis for space environments

• Collaborate across engineering to ensure seamless system integration

• Take initiative on design, build, and test cycles—moving from idea to prototype rapidly

Ideal Qualifications

• Extensive CAD experience (e.g., SolidWorks, NX, Fusion 360)

• Owned spacecraft components from clean-sheet design to launch

• Strong knowledge of bolted joint mechanics, tolerancing, and GD&T

• Familiarity with manufacturing capabilities and constraints

• Experience designing complex mechanical systems with high interdependencies

• Comfortable balancing analytical rigor with fast prototyping

• Proven experience in high-accountability engineering environments

Strongly Preferred Backgrounds

• Degree in Mechanical, Aerospace, Manufacturing, Industrial, or Electrical Engineering

• Former founders, wild builders, or hyper-performing generalists

• Experience in satellite systems, deployables, reflectors, or custom aerospace mechanisms

Who They Will Not Hire

• Candidates with solid but standard paths (e.g., good school + average engineer)

• No standout projects, no track record of obsession, ambition, or risk-taking