



Tracker | Software | Engineering

Name of Company: FTC Solar Inc.

Internship Title: Test Engineer Intern

Department: Applications Engineering

Job Description/Duties:

- Product and test development of solar tracker products from the post-design stage through the manufacturing release.
- Develop test plans and solutions for design validation as well as mass production.
- Support product engineers in design improvements, cost reduction efforts and quality assurance initiatives.
- Develop hardware and software for product characterization and production tests on automated test equipment.
- Perform characterization and reliability qualification of new designs and provide statistical analysis of results.
- Develop hardware for stress tests in product qualification.
- Meet schedules for prototype evaluation, characterization, qualification, and production release.

Required Qualifications

- Enrollment in a BS/MS Mechanical Engineering or related degree plan
- Completion of 2+ years of study
- Demonstrated analytical and problem-solving skills

Preferred Qualifications

- Experience/Coursework in mechanical analysis and design
- Experience/Coursework in SolidWorks 3D
- Proficiency with bench level test equipment (i.e. DC power supplies, oscilloscopes, multimeters)
- Experience with LabView, Matlab, and or other programming skills

Location:

- Due to the nature of the position, it will be a 50/50 split between remote and on-site work. For this reason, the candidate must live in the greater Austin area with capabilities to commute to on-site applications lab. COVID-19 safety precautions are enforced company-wide.
- Lab location: 8868 Research Blvd, Austin, TX 78758

Hours: 20 hours per week, minimum

Salary: \$15/hour

Required materials for application

- Resume
- Unofficial transcript