



Council for Educational Travel USA

## **Trainee/Internship Program Offer**

### **(11173) Mechanical Engineering Program**

**(Mexican or Canadian Applicants Only – Alameda, CA)**



**Hours:** 32-40 hours per week

**Compensation:** \$28.00 per hour

**Number of Position Offered:** 1

**Housing:** none provided, free lunch provided daily

#### **Host Company Description:**

The host company is a Silicon Valley-based aerospace and robotics company that designs and manufactures autonomous, electric aircraft. The company is focused on making aviation safer, cleaner, and more efficient using automation and zero-emission technology.

#### **Position Description:**

- Support design, prototyping, testing, and iteration of mechanical components and assemblies
- Assist in validating environmental and performance requirements for parts and materials
- Help investigate, root-cause, and develop solutions for hardware issues
- Create or update 3D CAD models, drawings, and documentation
- Collaborate with manufacturing engineers on improving processes, tooling, and manufacturability
- Conduct hands-on testing, research, or analysis to support project milestones

#### **Applicant Qualifications:**

- To apply for the **Internship** program, applicants must be **mechanical engineering** undergraduate/graduate students OR a recent graduate who begins program within 12 months of the graduation date
- To apply for the **Trainee** program, applicants must have either a degree or professional certificate from a foreign post-secondary academic institution and at least 1 year of prior related work experience in the **mechanical engineering** field acquired outside the United States OR 5+ years of experience in this field.
- Advanced English is required
- Comfortable getting hands-on in the shop- building, testing, iterating
- Familiarity with 3D CAD (SolidWorks, NX, Inventor, etc.), FEA, composite materials, 3D printing, CNC machining, or rapid prototyping

#### **How to Apply:**

1. Submit a professional resume with a professional photograph
2. Indicate availability dates (start and end dates)
3. Indicate this offer number and title