

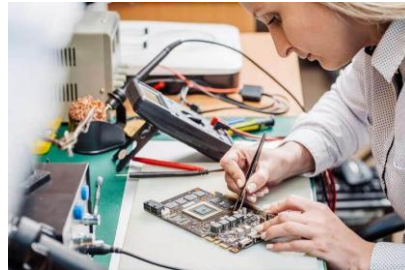


Council for Educational Travel USA

Trainee/Internship Program Offer

(11172) Electrical Engineering Program

(Mexican or Canadian Applicants Only) – Alameda, CA



Hours: 32-40 hours per week

Compensation: \$30.00 per hour

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:

- Assist with schematic capture and PCB layout for embedded and power electronics systems
- Support component selection and BOM creation under engineer supervision
- Help assemble, bring up, and test PCBs in the lab
- Run bench tests, collect data, and help analyze results
- Support debugging of electrical and embedded systems issues
- Assist with documentation including test procedures, results, and design notes

Applicant Qualifications:

- To apply for the **Internship** program, applicants must be **electrical engineering** undergraduate/graduate students OR a be recent graduates who begin 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 **electrical engineering** field acquired outside the United States OR 5+ years of experience in this field.
- Advanced English is required
- Coursework/experience in: embedded systems, power electronics, motor control, control systems, basic lab equipment (oscilloscope, power supply, multimeter), C or C++, schematic capture/PCB layout tools (Altium, KiCad, Eagle, etc.), motor control concepts (FOC, PWM, inverters)

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