CETUSA
Council for Educational Travel, USA

Trainee/Internship Program Offer

(10580) Electromechanical Engineering Program– Somerville, MA

Program Duration: 12-18 months
Compensation: $15.00 per hour
Housing: not provided
Number of Position Offered: 1

Host Company Description:

The host company is an early-stage startup in the energy and IoT space based on research done at MIT. They are located in Greenwood Labs which is the leading cleantech, energy, and hardware incubator in North America. They are developing a solution to help oil and gas producers reduce their environmental footprint and increase their field efficiency by allowing them to automatically control their wells remotely. The company welcomes international interns to join their team on developing core technology in an exciting and fast paced environment.

Position Description:

- Help design and develop devices that calibrate industrial sensors and automatically test circuit boards
- Characterize and calibrate sensors to understand their behavior under any condition
- Compare various manufacturers' sensors
- Ensure that data input into the AI system is highly accurate
- Assist in testing and designing custom setups and jigs that assist in the manufacturing process
- Work on part of a team that will develop a specialized firmware that will help with quick testing

Applicant Qualifications:

- To apply for the **Internship** program, applicants must be **electrical engineering** undergraduate/graduate students OR be recent graduates who begin program within 12 months of the graduation date
- To apply for the **Trainee** program, applicants must hold **electrical engineering** degrees and have least 1 year of professional work experience related to the degree, OR be career professionals of 5 or more years of professional experience in this field
- Applicants must speak advanced English
- Experience with CAD, 3D printers, machining simple parts
- Programming experience in C/C++
- Familiarity with development on microcontrollers
- Experience with design for manufacturing
- Familiarity with Python
- Familiarity with circuit design & EDA software

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