

PositionTitle: Engineering Intern

NumberOfOpenings: 1

PositionType: Information Technology

PositionTypeOtherDescription: Engineering Internship

StartDate: 07/01/2009

EndDate: 12/31/2009

Duties: Cx Associates LLC seeks an engineering student who has completed at least three years of engineering or related college level courses with an interest in instrumentation and data analysis in the context of energy efficient building construction for a summer internship position. This position has the possibility of extending into fall 2009.

The intern will:

- Become familiar with the process of energy measurement and verification in building systems and building construction first hand with a particular focus on HVAC and lighting systems.
- Learn how to operate energy measurement equipment. There will be an opportunity for the development of engineering judgment with respect to proper application and configuration of different metering devices.
- Develop a working knowledge of general measurement instrumentation concepts such as windowing and working ranges.
- Gain confidence in field work and team coordination and communication.
- Develop the ability to meet time-based and content-based goals.

Tasks will include:

- Deployment of a variety of types of instrumentation for use on projects by field engineers and electricians.
- Perform building energy analysis and calculations.
- Develop project documentation based on mechanical and electrical design drawings and specifications.
- Conduct site visits with field engineers to assist with deployment and retrieval of instrumentation equipment.

- Coordination of project schedule with field engineers and electricians.
- Data download from field measurement equipment.
- Review of data with respect to installed schedule. There will be an opportunity to interpret data with respect to the building systems, and to develop engineering judgment regarding data quality.
- Assist in on-site verification of heating, cooling, ventilation and electrical systems in new and existing buildings.

ExperienceRequired: Skills and requirements include:

- Attention to detail, and strong written and verbal communication.
- Familiarity with the MS Office software suite is required.
- Field work may be conducted in unconditioned buildings.
- Must be willing to travel from our office to project sites.
- Must be able to lift 50 pounds and climb ladders to building roofs.

WageOrSalaryNumber:

WageOrSalaryLabel: Per Hour

WorkHoursOrDaysNumber: M-F, 8-5

WorkHoursOrDaysLabel: Hours

HowToApply: Interested candidates should send a cover letter and a resume to eric@cx-assoc.com. Please, no phone calls.