DESIGN ENGINEER INTERN/CO-OP

Posting ID: IN17918555
Company Website: http://www.southlandind.com/

Company: Southland Industries
Work Location: Las Vegas, NV

Position Type: Full-Time
Salary: DOE

College Major(s): Mechanical Engineering (ME)
College Level(s): Undergraduate-Sophomore, Undergraduate-Junior, Undergraduate-Senior, Graduate Student

OVERVIEW

This internship/Co-op is designed to introduce candidates to a career in the design of HVAC systems.

Roles and Responsibilities
Assists Senior Engineers in design tasks as required.
Performs basic deliverables and products such as calculations, drawings, and specifications related to heating, ventilating, and air-conditioning systems under supervision of Senior Engineers.
Perform basic calculations for a project, such as heating/cooling loads, equipment selection, and sizing, pipe and duct sizing, friction loss calculations, etc.
Assist in coordinating all aspects of the project design with project management, architects, and other trades through the completion phase of a project.
Perform and check CADD drafting work.
Review applicable codes and criteria and examine field conditions as required to support design of project.

Education and Qualifications
Pursuing a Bachelor’s Degree in Mechanical Engineering; 0-3 years experience in related field.
Completion of classes in Thermodynamics and HVAC Design is highly desirable.

Ability to read and interpret technical documentation including CAD drawings, Blueprints, Submittals, etc.
Ability to work at a computer terminal with mouse and keyboard for several hours per day.
Ability to visit job construction areas and climb stairs, maneuver in and around pipework and air ducts and work safely in close proximity to construction materials and equipment.
**Preferred Skills**
Basic knowledge of HVAC design to include types of equipment utilized in the industry as well as general understanding of system operations (i.e. variable air, constant volume, refrigeration cycle.)
Ability to communicate with all levels of management, including project management and field trades.
Ability to read mechanical and plumbing plans.
Competent with general business writing.
Has competency in basic computer skills to include CADD and Microsoft Office products (specifically Excel.).

**How to Apply**
Email hr@southlandind.com, specify in subject line – UNLV Design Engineer Internship.