DESIGN ENGINEER INTERN

Posting ID: I010517
Company: Southland Industries
Position Type: Internship
College Major(s): Mechanical Engineering (ME)

Company Website: http://southlandind.com
Work Location: Las Vegas, NV
Salary: N/A
College Level(s): Graduate Students

OVERVIEW
This internship 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 relates 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 of experience in related field. Completion of classes in Thermodynamics and HVAC Design is highly desirable.

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
Send your Cover Letters and Resumes to Betty Ribble at BRibble@southlandind.com or call for 702-736-4041 if you have any questions regarding this internship.