

Stephen Z. Lavoot, P.E.
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OBJECTIVE

Vast experienced HVAC Senior Mechanical Engineer, dependable, flexible and strong working ethics, seeking a position as Senior Project Mechanical Engineer doing HVAC Engineering Design and/or Project Manager with contributions to help the company with mentoring, improve HVAC designs and provide quality control of MEP drawings and specifications.

COMMUNICATION AND INTERPERSONAL SKILLS

- + Heavy experience in HVAC Engineering Design and Construction Administration
- + Proficient in MS Office, Excel, Power Point, Engineering programs and AutoCAD (Light user)
- + Work effectively individually and as a team member
- + Maintain a positive and professional attitude dealing with clients
- + Excellent oral and written communication skills

ORGANIZATIONAL SKILLS

- + Outstanding ability to initiate action, make decisions and solve problems
- + Open to learning, adapt well to challenging and continually changing situations
- + Successfully prioritize daily routine
- + Continually upgrading skills and qualifications
- + Well-organized, energetic, and dependable; can be counted on to see projects through to completion including budget control in both project managing and HVAC projects.

PROFESSIONAL RELATED EXPERIENCE

- Concept the HVAC system with designers in detail for complete understanding of the design intent.
- Perform and analyze HVAC loads, equipment selections and develop drawing schedules.
- Perform quality control during the SD, DD, CD and CA phases of HVAC and coordination with other disciplines including structural.
- Provide HVAC and plumbing specifications included controls.
- Develop with red marks of the HVAC piping systems design layout including sizing and piping riser diagrams.
- Perform HVAC and plumbing construction administration (CA) with a member of each discipline. Perform HVAC shop drawings review, response to RPI and resolves field issues. Perform minimal amount of commissioning.
- Perform LEED templates when require for LEED projects.
- Provide mentoring on a weekly basis during department meetings duration on all projects.

- Manage personnel and projects, including HVAC engineering design of Laboratories, New and Renovation of Hospitals, Hotels, Universities, Manufacturing Facilities, Hospice care, Office buildings, Up Scale mixed use Condos, Major Kitchen Renovations, Multi-Pm-pose Facilities, Central Plants and the Reliant Stadium.
- Lectured the HVAC Air and Water Systems at night in the Engineering Technology Curriculum at University of Houston.

PROFESSIONAL WORK HISTORY

Rice & Gardner Consultants, Inc., Houston, Texas

MEP Department Manager, Project Manager, Senior Mechanical Engineer

WSP Flack + Kurtz, Houston, Texas

Associate - HVAC Team leader, Project Manager, Senior Mechanical Engineer

Smith Seckman and Reed, Inc. - Houston, Texas

Senior Mechanical Engineer

Lockwood, Andrews & Newnam - Houston, Texas

Department Head, Project Manager, Senior Mechanical Engineer and Chief Engineer

Page Southerland Page - Houston, Texas

Senior Associate - Mechanical Engineer

Bovay Engineers, Houston, Texas

Mechanical Engineer

EDUCATION

Associate Degree, Mechanical Engineering Design

Wentworth Institute, Boston, Massachusetts

Bachelor Degree, Mechanical Engineering

Northeastern University, Boston, Massachusetts