

Krystian Markiewicz

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Objective

As a seasoned project manager seeking to pivot into HVAC design as an MEP mechanical engineer, I bring a unique blend of leadership, project management skills, and a passion for innovative engineering solutions. My expertise in overseeing complex projects combined with my dedication to mastering HVAC design principles makes me the perfect fit to contribute effectively to your team and drive success in designing cutting-edge mechanical systems.

Education

The City College of New York | New York, NY

Bachelor of Science in Mechanical Engineering, GPA 3.462

Graduated, December 2021

- Dean's List Fall 2020
- Passed FE Exam, New York, July 2022

Skills

Software: Solidworks, AutoCAD, Revit, Bluebeam, Microsoft Word, Microsoft Excel

Languages: Polish (native), English (fluent)

Experience

ADE Systems | Freeport, NY

March 2022– Present

Project Manager/ Project Management

- Successfully managed multiple projects under minimal supervision, consistently delivering all projects on time and on budget.
- Led the assessment and development of comprehensive proposals related to HVAC drawing takeoffs, ensuring clear communication of cost changes and updates to customers.
- Ensured meticulous alignment of all project objectives with client specifications, exceeding client expectations and fostering high levels of satisfaction.
- Actively participated in team meetings, fostering effective communication and collaboration among project stakeholders.
- Coordinated with vendors and contractors, ensuring seamless product delivery and optimizing project timelines.
- Developed a deep understanding of HVAC design by thoroughly reviewing hundreds of HVAC mechanical drawings from various engineering firms, contributing to enhanced project decision-making and design insights.
- Created and sent out HVAC equipment submittals to the mechanical contractors, facilitating smooth project execution and compliance with project specifications.

Eurotech Contracting Co | Brooklyn, NY

September 2018– March 2021

General Contractor Assistant

- Excavated and removed damaged interior structure materials such as tiles, drywall, and pipes.
- Painted walls and ceilings as required and assisted in the installation of new materials.
- Assisted customers with all tasks in relation to the project, from feasibility studies to planning and budgeting.
- Maintained and extended relationships with clients for repeat business opportunities.
- Carried out duties by transporting supplies and operating equipment.

Projects

Higher Education Cafeteria HVAC Design Project

Fall 2021

ME547: Environmental Control

Goal: To design an efficient HVAC system for the school cafeteria, determining heating and cooling loads, designing duct layouts, sizing ducts, calculating pressure loss, and selecting suitable equipment.

- Executed the HVAC design project for the school cafeteria, independently determining heating and cooling loads through zoning analysis, employing ASHRAE tables, and HCB software.
- Designed efficient duct layouts using AutoCAD to ensure optimal air distribution and meet the cafeteria's specific requirements.
- Calculated and determined appropriate duct sizes, minimizing air pressure loss and enhancing system performance.
- Selected and recommended equipment capable of handling the required loads, resulting in an energy-efficient HVAC system tailored to the cafeteria's needs.