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# Example of Mechanical Engineering Intern Job Description

Our innovative and growing company is looking for a mechanical engineering intern. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for mechanical engineering intern

* 3D printing of prototypes
* Apply standard techniques and procedures in building information modeling of air conditioning, heating, ventilating, and plumbing systems for commercial buildings
* Conduct preliminary selections and adaptations of HVAC&P equipment for specific application in commercial buildings
* Implement prototype development utilizing in-house and outside resources (3D printing and/or other modeling processes)
* Participate in end-user assessment of the prototypes for desirability and feasibility to meet target metrics
* Complete competitive benchmarking by conducting failure analysis and other lab testing to produce technical reports, quality standards, feature/benefit analysis and customer-backed value proposition technical data
* Establishes learning objectives with the Mechanical Systems Lead Engineer
* Supports assignments that represent general technical skill in the field of mechanical engineering and aerospace, including design through CAD, analysis and simulation
* Job shadows at all levels in the field, including design, analysis, simulation, project management and leadership
* Work closely with and take work direction from Mechanical Engineers

## Qualifications for mechanical engineering intern

* Candidate must have or be in the process of attaining a BS or higher degree in Mechanical Engineering from an accredited university
* Experience with 3D CAD (Creo) is a plus
* Currently in pursuit of Bachelor’s degree in Mechanical engineering or other related field
* Completion of classes in basic mechanical engineering
* Must have completed Sophomore year of college
* Successful university graduation from a Mechanical Engineering Program