

# Building Design and Energy Efficiency Intern

## ABOUT US

At B2Q, we design sustainable, high-performance building systems that optimize water conservation, energy efficiency, and environmental impact. Our work spans higher education, healthcare, industrial, and pharmaceutical facilities, where we implement innovative plumbing, fire protection, and water reuse systems.

B2Q Associates seeks Mechanical and Electrical Engineering Interns to bolster our thriving engineering consulting practice. As a dynamic and forward-thinking company, we offer a unique opportunity to collaborate directly with seasoned senior staff on captivating projects. Our work environment is characterized by teamwork, flexibility, innovation, and a commitment to continuous learning and professional development.

## ROLE OVERVIEW

As a Mechanical or Electrical Engineering Intern, you'll play a pivotal role in our mission.

Here's what you'll be doing:

- **Energy Efficiency:** Assist our experienced team members who are investigating building operations, creating technical studies, thoughtful economic analyses, and uncovering hidden opportunities. Your mission? Be part of a team with a mission to uncover opportunities and make changes to reduce energy use in universities and industrial spaces. Your recommendations will drive tangible improvements in efficiency and operations, reducing our clients site specific carbon emissions through energy efficiency improvements while electrifying building heating systems to take advantage of clean renewable energy.
- **Innovative Solutions:** From energy modeling to system design, you'll be at the forefront of sustainable technology and building energy science. Imagine designing and optimizing building mechanical systems, integrating advanced controls, and championing energy saving strategies and equipment.
- **Field Investigations and Commissioning:** You'll get the opportunity to visit our clients' sites, see buildings and equipment, and be part of commissioning equipment to make sure it's operating properly, safely, and efficiently. This is where you get to apply your engineering fundamentals to actual systems and understand how your hard work makes a real difference.

## QUALIFICATIONS

- **Passion for Sustainability:** Your commitment to energy efficiency and sustainable design practices drives your work.
- **Experience Working with Teams:** One of B2Q's critical success factors is teamwork.
- **Educational Foundation:** Majoring in Mechanical or Electrical Engineering is essential.
- **Effective Communication:** Excellent written and verbal communication skills are crucial.
- **Technical Proficiency:** Mastery of Excel, and experience with Revit or AutoCAD, and applying AI in learning, continuous improvement, and engineering are all important considerations.

## SALARY RANGE

### \$20 to \$28/hr

Salary is based on a variety of factors, including, but not limited to, qualifications, experience, education, licenses, specialty, training, and fair market evaluation based on industry standards.

## WHY JOIN B2Q?

- **Purpose-Driven Work:** Every project contributes to a planet-saving mission.
- **Collaborative Culture:** We celebrate wins, learn from every project, and fuel each other's passion for a better future.
- **Professional Growth:** Mentorship, feedback, workshops, conferences, and hands-on experience accelerate your continuous development.

## HOW TO APPLY

Join us in engineering change. Send your resume to [employment@b2qassociates.com](mailto:employment@b2qassociates.com). Let's build the future together.