



Sustainability/Mechanical Engineer Intern

Location: SF/Bay Area, California

Job Type: Full-time (10-12 weeks)

About Us: Point Energy Innovations is an engineering firm committed to driving building MEP systems to new levels of performance and cost-effectiveness. Our business model is to work in the early stages of design, then provide a smooth transition for design-build contractors to document and execute our designs. Our innovative approach to affordable decarbonization within buildings accelerates the adoption of resilient and zero carbon strategies in the industry. We strive to create a better world for future generations by collaborating both internally and externally to find the best solutions.

Why Join Us? At PEI, you will be part of our integrated project team to design the most energy efficient and sustainable buildings in the country. You will be designing sustainable building mechanical systems, working in collaboration with a diverse design team, and side by side with experienced engineering mentors. We work on cutting edge projects in the Bay area and throughout the world. Responsibilities include working on small and large project technical details, project management, and energy modeling and analyses of building systems.

Mission Statement: Our mission is to decarbonize the built environment and drive the transition to a sustainable, all-electric, zero-carbon future. We design systems that directly tackle the urgent need to reduce carbon emissions, ensuring today's buildings contribute to a cleaner and healthier planet.



Role Overview and Key Responsibilities: We are seeking a skilled, motivated Mechanical Engineer Intern, to play a crucial role in designing and optimizing mechanical systems for energy efficiency and sustainability in building projects. Our project types include commercial office, adaptive reuse, resiliency centers, multi-family residential/mixed use, educational, data centers, aviation, microgrids, labs, and industrial facilities. Your responsibilities include:

- Assist in the conceptual and early design of high-performance mechanical systems
- Coordinate with vendors and stakeholders across multiple disciplines
- Perform research on new technologies and industry developments

Qualifications:

- Currently pursuing a B.S. degree in Mechanical/Civil/Architectural Engineering or a related field. A Master's Degree is a plus.
- Strong passion and interest in sustainability and green building design practices
- Proficiency in mechanical design software and sustainability assessment tools (e.g., OpenStudio, Revit, EnergyPlus, etc.).
- Strong analytical and problem-solving skills, with the ability to interpret complex data and develop practical solutions.
- Ability to multitask and coordinate among multiple disciplines
- Proficient in Microsoft and Google Suites.
- Strong research and organizational skills.

Diversity, Equity and Inclusion:

At Point Energy Innovations, we are dedicated to fostering a diverse, equitable, and inclusive environment that benefits both our team and the communities we serve. We believe everyone should have access to clean, healthy, and energy-efficient spaces. Our mission is to decarbonize the built environment while addressing environmental disparities and supporting marginalized communities.

We pride ourselves on having a diverse team where different perspectives and backgrounds come together to spark innovative ideas and effective collaboration. This



diversity allows us to approach challenges creatively and develop cutting-edge solutions that drive sustainable practices forward.

Hourly Rate:

Please reach out for more information on our package related to hourly rates.

If you're interested in this opportunity, please send your resume and cover letter to info@pointenergyinnovations.com.

Together, we can reshape the built environment to create resilient, energy-efficient spaces that lead the way in combating climate change.