



Energy and Building Performance Internship (Madison office)

Seventhwave is seeking candidates with a desire to apply both reason and creativity towards the creation of a sustainable energy society. We are a private non-profit organization that is mission-driven, independent, and objective. We seek practical solution paths among a world of competing interests to create a more energy efficient and healthy built environment.

Primary responsibilities:

- Assist staff with evaluating energy efficiency and renewable energy strategies in buildings, campus, and community settings
- Develop inputs and use energy modeling software to inform design decisions
- Quantify system performance, life cycle cost economics, and emissions reduction potential
- Clearly communicate recommendations and concepts through graphical representation and correspondence to design teams

Minimum requirements:

- Pursuing undergraduate or graduate level standing in related field
- Proficiency with basic computer software such as MS Office Suite
- Ability to work in a team environment
- Excellent communications skills

Desirable experience:

- Fundamental knowledge of building energy systems, energy analysis, thermal science, and/or building design and construction.
- Experience with energy modeling software such as eQUEST, TRNSYS, TRACE, EnergyPlus or other similar software
- Knowledge of relevant building energy codes, green building rating systems, and ASHRAE standards
- Ability to communicate ideas through sketching and layout of storyboard concepts to non-technical audiences
- Knowledge of Autodesk
- Knowledge of Adobe Creative Suite
- Experience in 3D modeling software such as Rhinoceros, Sketchup, or Revit

Join Seventhwave and be part of:

- An independent non-profit seeking solutions to energy challenges
- A passionate, dedicated and talented staff
- National, regional and local initiatives to reduce our carbon footprint
- Award-winning programs that make a difference