



ArchEcology is hiring a Senior Energy Engineer/Energy Modeler

ArchEcology, LLC is a small, women-owned Sustainability Consulting Business looking for an experienced **Senior Energy Engineer/Energy Modeler**.

We combine years of architectural design and construction observation experience with extensive green building performance consulting. Our projects are varied and include commercial office buildings, multi-family housing, civic and municipal buildings, recreational facilities, and industrial buildings.

Position Description

A successful candidate will provide energy modeling services to green building projects seeking design guidance, energy code compliance and LEED certification.

In the first three months you can expect to:

- Develop familiarity with the firm's design and documentation standards, software, systems, and processes
- Have one-on-one meetings with all members of the firm
- Meet with firm leaders to discuss your professional interests, skills, and goals
- Draft reports and compile documentation for client review, LEED documentation and energy code submissions
- Perform energy modeling using Equest or EnergyPlus per ASHRAE 90.1 and state and local energy codes.
- Analyze interior and exterior lighting power density and lighting controls.
- Analyze building envelope systems.
- Analyze optimization of mechanical systems
- Research and evaluate energy code issues.

Over time you will:

- Lead a project team during planning, design and construction with identifying and implementing building practices that increase resource efficiency, reduce carbon footprints, use sustainable materials, offer increased occupant health and safety, and integrate low impact development principles.
- Provide accurate and concise analysis and research to make recommendations to project teams that facilitate decision making on green building projects.

- Keep project status current by maintaining scorecards, credit updates, submittal logs, task lists and on-line documentation
- Interface with a wide range of internal and external resources including clients, architects, engineers, and contractors.

Qualifications:

- B.S. Architecture, Building Science or Engineering
- M.S. Architecture, building science or engineering preferred
- Experience in the design or construction of green building projects
- Excellent analytical abilities and organizational skills
- Clear writing and verbal communication skills
- Strong work ethic and commitment to contributing to a collaborative team environment
- Professional demeanor with good communication skills
- Proficiency in AutoCAD, MS Office (particularly Excel) and a DOE-2 based energy modeling software
- Experience with Revit energy tools, THERM, or CFD are all a plus

Requirements:

- B.S. Architecture, Building Science or Engineering; M.S. Architecture, Building Science or Engineering preferred
- Minimum of 5 years experience in a related field including architecture, interior design, engineering, environmental management or construction
- Green building professional certification; LEED Accredited Professional or Sustainable Building Advisor preferred

Compensation:

Salary range for this position is 85,000-95,000 depending on experience.

Benefits:

Medical insurance

Dental insurance

Vision insurance

Life insurance policies

Prescription and pharmacy benefits

Mental health coverage

Retirement planning

Paid time off

Family leave

Disability benefits

Workers' compensation

Continuing education

Company equipment

Remote work flexibility after six months of full time employment

Location:

In-Office, flexible schedule

Hours:

Full Time

How to Apply:

Interested candidates should send a cover letter and resume to Sarah@CharretteVG.com and include "ArchEcology Senior Energy Engineer/Energy Modeler" in the subject line.

About ArchEcology:

We offer a learning environment with an open collaborative team approach. We have a flexible, supportive culture with a hybrid work schedule. Our goal is to make sustainability easy for our clients and their projects teams so that green buildings are the norm rather than the exception. Salary is commensurate with experience. Room for growth and opportunity.

For more information about our company, please visit our website.

<http://www.archecology.com/>

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.