

POSITION OPPORTUNITY: BUILDING PERFORMANCE ANALYST

2024-01-15

Do you love wicked problems? Do you think learning new skills is fun? Do you get fulfilled by team success? Do you want to accelerate meaningful climate action? So do we! Join Purpose Building and let's go Farther Faster, together!

WHO WE ARE

We created Purpose Building to accelerate real estate toward planet-positive pathways. We draw out the best of everybody to create a better future through healthy, circular, low-carbon, financially successful buildings and communities.

Our work is delivering market-leading strategies to achieve leading edge performance for new and existing facilities. Purpose is focused on this alone and not production of historically satisfactory outcomes.

Our core values are:

- **Team Success** – enable great lives for each other through commitment to the Mission
- **Collaboration Excellence** – highly effective knowledge-building, partnerships and communication
- **Social Responsibility** – contribute to the success of the communities we live and work in
- **Honesty** – what you say is what you do

WHAT YOU CAN DO

As a Building Performance Analyst, you will be responsible for using building performance analysis tools to develop high performance solutions on projects. You will also help maintain the firm's best-in-class knowledge and reputation with respect to building performance. To achieve this, you will:

- Apply principles of energy/carbon/material flows in buildings, human comfort and business performance to contribute to leading edge design solutions for new and existing developments
- Prepare whole building energy, daylight and/or thermal comfort simulations
- Prepare reports and presentations
- Research relevant real estate trends and technologies
- Contribute to the development of new ideas, workflows and tools for the Company
- Engage in continual learning to understand the systems needed for a healthy, circular, low-carbon economy

WHO YOU ARE

We build our team with individuals who take initiative, enjoy solving difficult problems, listen very well and express themselves clearly, bring passion to their work, are fun to be with, are adaptable and are invested in personal betterment.

The attributes/skills you bring include:

- Minimum of 2 years of experience with simulation tools such as eQuest, IES or Energy+
- Working knowledge of relevant Standards such as TGS, LEED, OBC SB-10, ASHRAE 90.1, NECB, etc.
- Demonstrated ability to apply first principles of energy use in buildings to solve unique problems
- Familiarity with different envelope, HVAC and renewable building systems and technologies
- Proficiency in written and oral communication, using Excel, Word and PowerPoint
- Degree in Architecture, Architectural Science/Technology, Mechanical/Electrical Engineering, Construction or Building Science
- Skills with any of the following are assets: Therm, PHPP, GLD Rhino, Revit, AutoCAD, Photoshop, InDesign, Illustrator, Sefaira, Wufi, Radiance, DIVA, OpenFoam, Python, Ruby, Grasshopper, Ladybug, SketchUp, and Programming
- P.Eng., BEMP and CPHC/D are preferred