Job Title: Building Performance Intern	Experience: 0 Years (Undergraduate or recent graduate)
Department: DataBased+ Studio	Compensation: Hourly

Firm Overview

Do more than just build! At dbHMS, we are a collection of doers and thinkers. We combine our passion for engineering with our client's vision to realize successful construction projects in our community and worldwide. Together with our clients, we are dedicated to leaving a legacy of stewardship and innovation through our impact on the built environment. Our staff of talented individuals and unique characters is united in their dedication to deliver high-performance, efficient, and sustainable buildings worldwide.

Our **DataBased+ Studio** team, in our office is seeking a **Building Performance Intern**. This role will support the engineering of systems for a variety of projects creating designs for all kind of spaces.

Our dynamic work environment provides the perfect opportunity to advance your career while developing and fine-tuning your skills along with offering a supportive office culture, diverse workforce, flexible work schedules, and regular social events. At dbHMS, you will find everything you need for an exciting, challenging, and rewarding career.

dbHMS is committed to a diverse workforce and to providing a safe, accessible workplace. Most duties will be performed in an office environment. dbHMS currently operates with both hybrid and remote-only work policies. The remainder of the duties will be performed in a combination of office environment and construction/field environment which will involve trips to projects sites. While performing the duties of this job, the employee is regularly required to sit, and frequently is required to walk. The work typically requires the use hands to type, handle or feel; reach with hands and arms; and talk or hear. The employee is regularly required to stand and perform work in the field. The typical week consists of five, eight-hour shifts.

When in the field the employee must be able to climb stairs and endure typical construction site conditions. Specific vision abilities required by this job include close vision, distance vision, color vision and ability to adjust focus.

Position Overview

In the DataBased+ studio within dbHMS, Building Performance Analysts ask and answer questions that lead to design decisions that improve indoor air quality and thermal comfort, minimize cost, and maximize resource efficiency of buildings, campuses, neighborhoods, or regions. Every new building, major renovation, or community planning project at DataBased+ has a Building Performance Analyst and Building Performance Specialist as part of the design team…it forms the backbone of our approach to delivering the best built environment for our clients. Interns support these professionals and learn how to innovate and work with clients and design teams, both internal and external, to identify, implement, and document high performance building strategies that deliver best in class system performance.

Essential Job Functions

The Building Performance Intern will support Building Performance Analysts and Specialists in the modeling of building performance across a wide range of tools analyzing a variety of building performance and human-centered outcomes by employing sound scientific principles. Interns will train under experienced, licensed professionals gaining experience in:

- Analyzing building performance data and identify opportunities for improvement.
- Applying concepts of passive and active engineered systems to make recommendations about building components and design elements.
- Communicating effectively in spoken, written, and visual presentation across disciplines.
- Using industry standard and state of the art software tools to analyze the resource use of engineered building systems and their components at all scales from the system level up through and including the regional grid level, and accurately predict their impact on human health and environmental sustainability.
- Reading and understanding construction documents, floor plans, specifications, and details.

Please note that this position is open to undergraduates and recent graduates. Those pursuing advanced degrees should apply for the Building Performance Fellowship.

Requirements

- Minimum Education: Enrolled in 4-year Engineering program or be a graduate from a 4-Year Engineering Program with less than one year of experience (Mechanical, Electrical, and Architectural Engineering preferred).
- Proficiency in Microsoft Office Programs.

Additional Preferred Qualifications:

- Experience in one of the following building performance analysis softwares:
  - Open Studio/Energy Plus,
  - Grasshopper plug-in and associated programs,
  - DesignBuilder,
  - TRNSYS,
  - TRACE 3-D, 700,
  - IES.
- REVIT, BIM360, or similar building information modeling software.

Personal Qualities and Other Skills/Abilities

- Strong focus on teamwork,
- Takes pride in ones work and cares about the outcomes,
- Excellent work ethic,
- Self-motivated,
- Desire to love what you do,
- Ability to give and receive feedback in a positive manner,
- Passionate about performing analysis to optimize buildings and building systems and improve the built environment,
- Ability to communicate novel or complex concepts and related facts in a clear, concise, organized, and convincing manner in any format (e.g. written, oral, presentation),
- Well-developed interpersonal skills, maturity, credibility, confidence and integrity,
- Strong critical and innovative thinking skills,
- Strong time-management skills and experience managing multiple priorities at once.