Technical Intern

The DLC is looking for an aspiring technical analyst or engineer with an interest in accelerating energy efficiency and connected buildings for a decarbonized future. This position is an 8-week paid internship for the summer of 2022.

Connected lighting systems are the most viable technology to enable load management and building system integration to the commercial building stock at scale. Utilities and building owners continue to set decarbonization goals, and various stakeholders have worked to implement connected lighting systems that will enable buildings to achieve these goals. However, even with this tremendous effort, significant market barriers exist that keep connected lighting system installations in less than 10% of the existing square footage in the US.

One of the barriers to installing connected systems is confusion due to the lack of common terminology usage. As the DLC develops its next set of technical requirements, the technical intern will support the DLC in driving the market to a common connected lighting terminology.

> **Resume with a cover letter should be submitted to:**
> Stephen White, Chief Operating Officer
> swhite@designlights.org
> No phone calls please.

Responsibilities and Duties

Working with the Technical Team and for the Manager of Networked Lighting, this project will include a thorough review of relevant materials, including specification sheets, manufacturer websites, and policy documents to establish a glossary and proposed list of standardized terminology. This list will be used to identify misalignments in the DLC's current technical requirements, enabling our in-development technical requirements to utilize standard terminology and bring standard terminology to the commercial market.

Qualifications and Skills

- Actively pursuing an undergraduate or graduate degree in an engineering field, economics, or lighting.
- Affinity and ability to problem solve, find and organize data, critically analyze, and synthesize results in presentation format.
- Able to work within a team environment, be self-motivated, and plan and execute tasks independently.
- Excellent interpersonal, verbal, written communication, and presentation development skills.
- Strong computer skills, proficient with Microsoft Office Suite, including Microsoft Word, Excel, creating and using pivot tables and graphs, PowerPoint, and Outlook.

- Inquisitive disposition, a passion for learning, and interest in energy efficient and healthy buildings.

About the DLC

The DLC® is a non-profit organization whose mission is to achieve energy optimization by enabling controllability with a focus on quality, people, and the environment. The DLC offers publicly available resources such as white papers, training programs, and Qualified Product Lists (QPLs). The DLC QPLs for solid-state lighting and controls, lighting systems, and horticultural lighting are the largest datasets of lighting in the world and are referenced globally. The DLC's performance requirements are cited in the GSA and FEMP procurement standards for federal building lighting projects, and the US DOE's Better Buildings Low Carbon Technology Strategies toolkit as well as numerous municipal and private sector RFPs for non-residential buildings and street lighting projects. We collaborate with utilities, energy efficiency programs, manufacturers, lighting designers, building owners, and government entities to create rigorous criteria for lighting performance that keeps up with the pace of technology. Together, we're creating solutions for a better future with better lighting.

Other Duties

Please note this job description is not designed to cover or contain a comprehensive list of activities, duties, or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.

AAP/EEO Statement

The DesignLights Consortium provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.