PHILIPS

Modeling & Analysis Internship: Philips Lighting Research North America, Cambridge, MA

Philips Lighting Research North America focuses on the research and development of leading-edge solutions for the Philips Lighting business including digital innovations, smart algorithms, services, data-enabled tools, Lighting Internet of Things (IoT), cloud applications and connected lighting for smart spaces and human-centric lighting. The team partners with world-class institutes such as MIT, and leverages the North American ecosystem. Join us and work in a dynamic environment with opportunities to contribute to a number of innovation topics and application areas related to data, analytics and cloud applications. Further details can be found at: http://www.research.philips.com/index.html.

You will be working with a dynamic team of innovators and researchers that are at the center of digital innovations for Philips Lighting. You will play an active role in a world-class research and front-end innovation team that is at the heart of the future of the company, and will be an essential part of the corporate Innovation team of Philips Lighting, whose mission is to deliver meaningful innovations and value to the business.

Length of Internship: 3 months

Position Responsibilities and Opportunities:

We are offering an internship in the area of data analysis, service proposition and software prototype development. The intern's main tasks include analyzing lighting service propositions and modeling the variability of performance criteria of lighting systems using data and physics-based models. Toward the end of the internship, we will ask the intern to prepare a technical report as well as a presentation for the department. The candidate is expected to work in a team setting with scientists and contribute innovative ideas.

Position Requirements:

We are looking for a graduate-level student (PhD preferred) in computer science, applied mathematics, engineering, or other related disciplines. Experience in data analysis, modeling and simulation is required. Coding experience in VBA, Matlab, Python or other programming languages is also required. Some experience with machine learning is highly preferred.

The candidate must be able to work within a team environment and should be self-motivated with the ability to plan and execute. The candidate should also be able to communicate in English effectively, both verbally and written.

Send resume to:

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We are an equal opportunity employer M/F/H.