



DESIGN PERFORMANCE TECHNOLOGIST - SAN ANTONIO

Lake|Flato is seeking a Design Performance Technologist to assist the Design Performance team in our San Antonio, Texas office.

A celebrated national architecture practice, Lake|Flato is recognized for creating modern, artful, and environmentally responsible settings that inspire a connection between people and the natural world. Lake|Flato strives to create restorative environments that reduce carbon emissions and enhance our understanding and relationship to the natural world. Lake|Flato's work reflects the belief that sustainability and design are two sides of the same coin — balanced, integrated, and inseparable. We strive for a healthy, coherent, place-based approach to building.

As a leader in sustainability, we are seeking an enthusiastic, proactive professional to immediately fill the full-time Design Performance Technologist position. The ideal candidate is self-motivated and capable of self-guided research and use of tools works well on a team with strong communication skills, is a general lover of all things related to design and emerging technologies with a passion to share their knowledge and educate our firm. The Design Performance Technologist position is a key part of Lake|Flato's Design Performance team. This position is directed by the firm's Director of Design Performance and works closely with the firm's Director of Design Technology and other Lake|Flato design performance experts. Responsibilities may include but are not limited to, project work and implementation of internal initiatives such as:

- Perform building performance analysis such as climate analysis, daylight modeling, energy modeling, views analysis, and more for both project-specific performance goals and green building certification documentation (such as LEED, Living Building Challenge, and WELL).
- Provide parametric and/or generative design consultation on projects that have technical or repetitive geometry, and/or assist in optimizing design performance strategies and solutions.
- Participate in the firm's internal research & development program by leading research projects,

editing the research journal, and/or promoting the program.

- Support graphics for marketing pursuits and new projects. Contribute to awards submissions, interview graphics, and miscellaneous marketing outreach.
- Assist with developing, maintaining, and training staff on in-house performance tools and methods.

Desired background:

- Bachelor or Master's Degree in engineering, architecture, high-performance buildings, building science, or related field with 1-5 years of relevant professional experience in the A/E/C industry.
- A green building accreditation such as LEED AP, WELL, or equivalent.
- Familiarity with sustainability rating and certification systems such as WELL, SITES, Living Building Challenge, and PHIUS.
- Proficiency with Microsoft Office Suite, Adobe Creative Suite, Rhino, and Revit.
- Experience with building performance simulation including but not limited to daylighting (Diva/Climate Studio), Energy Modeling (Autodesk Inishgt), and PV Analysis.
- Experience developing and implementing sustainability concepts and strategies through simulation tools as demonstrated through an actual project or program work.
- Experience with parametric and/or generative design script writing using grasshopper and/or dynamo.
- Ability to graphically illustrate and verbally communicate analysis concepts in a clear and effective manner.
- Demonstrated ability to perform independent research.

Please send a digital copy of your resume and an expanded edition of your portfolio in .pdf or .jpg format by e-mail with the subject line "Design Performance Technologist application" to employment@lakeflato.com. Visit our website at www.lakeflato.com for more information about our firm, our culture and our people. Upon receipt, we will review and contact you should your qualifications meet our staffing needs. No phone calls, please.