



## 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 Inisght), 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](mailto:employment@lakeflato.com). Visit our website at [www.lakeflato.com](http://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.