

DES Architects + Engineers, a leading design firm in the Bay Area, believes in staff mentoring and continuing education, and provides an environment that nurtures growth and career advancement. DES offers a competitive salary and benefits package, flexible work schedule plus lots of fun events and special services. We are presently looking for dynamic individuals for the following position:

JOB TITLE: BUILDING PERFORMANCE ANALYST

POSITION: Full-time

JOB OVERVIEW:

The Building Performance Analyst will mainly be responsible for developing building performance models to aid the in-house design team with design decisions. S/he will need to be able to work independently and under minimal supervisor. The ideal candidate will also be responsible for advising the team on green building strategies as well as Code related items, not limited to Title 24 (Part 6, and CALGreen). On occasion, s/he will help support in-house Green Building Coordinators with LEED documentation as needed, as well as develop and administer green building programs and policies (both internally and externally for clients).

DUTIES AND RESPONSIBILITIES:

- Complete LEED documentation for wide variety of LEED projects, across multiple LEED Rating Systems.
- Coordinate LEED project teams in meeting LEED documentation deadlines, owner's project requirements, and responding to LEED reviews.
- Advise project teams on meeting state and local green building requirements, including CALGreen and the Title 24 Energy Code.
- Support multi-disciplinary in-house staff on green building education, including scheduling green building trainings and lunch presentations.
- Coordinate in-house programs to support the firm's ongoing sustainability goals.
- Support design teams through all phases of the project to identify and quantify the impact of high performance building strategies
- Simulate and analyze building performance based on specific project requirements and industry standards including ASHRAE, LEED, utilities and other state or local code jurisdictions
- Perform code compliance and energy performance analysis for buildings as well as indoor environment studies (thermal and visual/lighting) for building occupants
- Produce high-quality reports suitable for both technical and lay audiences
- Shows initiative in addressing client concerns and demonstrate a proactive approach in advocating for green buildings
- Develop sustainability policies and programs for clients, both internally and externally
- Administer LEED services by conducting LEED Charrettes, providing strategy and advice, and coordinating between project team members.

KNOWLEDGE, SKILLS, AND ABILITIES

- Bachelor's Degree or higher in a building design related discipline, not limited to Mechanical Engineering, Architectural Engineering or Building Science
- 1-2 years of working experience in high performance building design, analysis and simulation
- Knowledge of mechanical/HVAC systems preferred
- Ability to read and understand Architectural and MEP construction drawings

- Experience in energy modeling software, preferably IES-VE, CBECC-COM
- Ability to perform code compliance (Title 24 Part 6 and Part 11 CALGreen)
- Experience in Computational Fluid Dynamics a plus
- Experience with AutoCAD, Revit and Sketchup a plus
- Experience with LEED Rating Systems, LEED BD+C v2009 preferred, v4 a plus
- Ability to interface efficiently and effectively with clients and project team, leading project discussions on building high performance design work with clarity and conviction
- Ability to perform in a fast-paced, deadline-driven environment
- Focused and highly self-motivated

If you meet the minimum qualifications listed above, we encourage you to apply with your resume and cover letter at: jobs@des-ae.com

About DES: For 40 years, DES Architects + Engineers, Inc. has created working, learning, and healing environments for our clients. As a full-service design firm headquartered in Redwood City, California, DES provides creative and sustainable solutions that serve the needs of clients in life sciences, technology, healthcare, education, municipalities, and the development community. In-house professional services include architecture, interior design, civil and structural engineering, landscape architecture, visual communications and LEED coordination. The company's staff values collaboration to achieve design excellence, applying creativity to each client's unique vision.