

## Building Performance Energy Consultant

2019



### Job Description

Red Car Analytics is seeking a talented energy consultant to join our growing team who are passionate about decarbonizing buildings. We are seeking someone with enthusiasm for what they do and a commitment to growing with our company. The position includes opportunities to learn new skills and knowledge and be innovative.

### Why Join Red Car Analytics?

Red Car is a mission-driven organization focused on redefining the narrative for high performance buildings. Our success is derived from our excitement and commitment to the work we do and the people with whom we work. We are a company that values learning and growth, while working hard to support the success of our clients. We consider our key role as "client advocate" to help ensure a client's project objectives are achieved. We do this by asking insightful questions at project initiation to establish clear, actionable goals and performance requirements, and then filling knowledge and skills gaps that often exist in project teams. Our educational philosophy, holistic understanding of buildings, and technical expertise give teams confidence to make better decisions and create buildings that improve people's lives and are better for the planet.

### Work Environment

Red Car Analytics is a new company incorporated in 2018, and there is a lot of exciting work to do. We are located in Santa Rosa, CA. We provide a flexible work environment with opportunities to work out of the office, from home, or even part-time co-working locations. Our office brings a touch of excitement with occasional visits from dogs and chickens. Ideally team members should be able to meet and collaborate in-person a few days a week, while working from home or visiting client sites around the Bay Area other days.

### Working Benefits

Red Car Analytics offers competitive benefits and is looking to create a strong culture of work life balance.

Learn more about us, our values, and our work approach at our website [www.redcaranalytics.com](http://www.redcaranalytics.com).

## Responsibilities

1. Collaborate with interdisciplinary client teams and demonstrate credibility to give teams confidence to make better decisions based on objective data and real-world insights.
2. Lead technical research projects related energy Codes & Standards, Utility field studies, and utility commercial incentive program development.
3. Utilize energy simulation software for building optimization and analysis such as OpenStudio, VE-IES, EnergyPlus (including Python programming experience if any).
4. Leverage data analytics platforms like Tableau to understand, visualize, and educate clients about building design and operations insights.
5. Apply in-depth understanding of advanced commercial HVAC systems to evaluate options, simulate performance, analyze results, develop recommendations, prepare financial analyses, and present to clients.
6. Maintain leading-edge knowledge of best sustainability practices by influential designers and engineers and bring appropriate opportunities to projects.
7. Interpret and apply code and program requirements for Title 24, CALGreen, IECC, building codes, LEED, Zero Energy, ASHRAE standards, incentives programs, and other relevant building and energy standards.
8. Create field-monitoring plans and sensor deployment plans for building systems.
9. Review building design plans, documentation, and contractor submittals for alignment with final energy models.
10. Prepare logically organized, technically accurate, and clearly presented emails and reports.
11. Be an effective project manager, acting as a main point of contact for clients, tracking schedules and deliverables, and producing or delegating as needed to get the work done.
12. Leverage other team members' expertise or knowledge when needed; understand when to ask for help.
13. Outline work plans prior to starting work, maintain logically organized and labeled files, and adequately document decisions or activities.
14. Provide regular status updates or reports in web-based project tracking system and review progress with team.
15. Understand contract work scopes, work within budgets, and meet billable targets.
16. Establish thought leadership by writing blog posts, delivering presentations, being active in outside organizations, and educating and engaging with the greater community.
17. Do what needs to be done that may fall outside your formalized job role.

## Minimum Qualifications

### Experience

1. Engineering or architecture degree, or equivalent education or experience.
2. Three to six years relevant post-academic work experience.
3. Professional Engineering license or one or more credentials from USGBC, ASHRAE, or the Association of Energy Engineers (AEE).

### Qualifications

4. Commitment to professional excellence and high-performance design demonstrated through continuous learning, active involvement in organizations, and regular participation in conferences or events.
5. Strong technical aptitude with ability to quickly learn and integrate new concepts and tools.
6. Excellent written and verbal communication skills (clear, concise, logically presented).
7. Critical thinker with innate ability to challenge assumptions, ask the right questions, and solve problems.
8. Sound judgment with understanding of the best way to proceed in challenging situations.
9. Strong organizational and project management skills.
10. Ability to perform work with high integrity; ability to do the right thing even when it's hard.
11. Possession of strong initiative, always looking to improve things.

## How to Apply

Drop us a line and send us an email with resume and cover letter to [careers@redcaranalytics.com](mailto:careers@redcaranalytics.com). We would love to hear from you!

