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# Karter Barnes

Electric Operations Data Science Intern

AUGUST 08, 2026

Hiring Manager  
Bright Future Energy Solutions  
San Francisco, CA

Dear Hiring Manager,

I am excited to apply for the Electric Operations Data Science Intern position at Bright Future Energy Solutions, which perfectly matches my analytical skills and my eagerness to transform data into actionable insights that can enhance operational efficiencies and customer satisfaction in the energy sector.

Having conducted extensive data analysis during my University Project, I discovered trends that significantly impacted electric operations in ways that surpassed expectations and revealed hidden opportunities. The chance to support critical projects where my data interpretation skills could similarly contribute excites me, as I thrive in collaborative environments that promote both innovation and learning.

In my recent role as a Research Assistant, I utilized various analytical tools such as R and Excel, leading to improved evaluation processes in electric consumption patterns. This experience twofold deepened my understanding of data management while enhancing my ability to communicate complex findings clearly for academic presentations, which I believe aligns directly with the responsibilities outlined in your job description.

Participating in a hackathon presented an exhilarating challenge, where our team designed an application for tracking energy consumption, fostering a spirit of innovation and creativity. We developed a prototype that utilized real-time data analytics while gathering user feedback effectively, which dramatically shaped our product into a viable tool for stakeholders.

As I continuously strive to develop my skills in data science, I seek an opportunity that not only enhances my learning curve but also allows me to contribute meaningfully to the electric operations team. Joining Bright Future Energy Solutions would empower me to immerse myself fully in the energy sector, hence providing a platform to grow while impacting real-world projects enthusiastically.

Thank you for considering my application.

Sincerely,

*Karter Barnes*

**Karter Barnes**