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Hiring Team

**Rayleigh Solar Technology**

**Subject:** Application for **Data Science Intern**

Dear Raha Khosravi,

I am thrilled at the opportunity to contribute to Rayleigh Solar Tech's innovative work with perovskite solar cells. As a master's student in Applied Computer Science with a focus on data science, I am eager to apply my Python programming skills and experience in data processing to support the scaling of this groundbreaking solar technology. The prospect of working with a team dedicated to creating affordable, flexible, and efficient solar solutions is both inspiring and motivating.

With my experience in automating data collection and processing, I am well-prepared to assist in optimizing Rayleigh's current workflows. I have gained hands-on experience in data cleaning, statistical analysis, and visualization through both academic projects and personal initiatives. I am proficient in Python, with extensive use of libraries such as pandas, NumPy, and Matplotlib, which will allow me to contribute to the efficient handling of large datasets and the creation of user-friendly tools for visualization.

Furthermore, I have worked on streamlining workflows in past projects, which aligns well with your goal of improving throughput and developing solutions that enhance the efficiency of data analysis. I am also excited about the opportunity to help build and maintain tools that simplify the visualization of complex data, ensuring they are intuitive and accessible for the team.

Although my primary background is in Computer Science, I am confident that my foundation in mathematics and statistics will be an asset in guiding the statistical analysis processes, enabling me to contribute effectively to the R&D team. Additionally, while I don't have direct experience with GUIs, I have worked on similar projects and am quick to learn new skills, and I see this as an exciting area for growth.

I am drawn to the collaborative and innovative environment at Rayleigh Solar Tech, and I am eager to contribute to the scaling and real-world applications of perovskite solar cells. I am confident that my technical skills, combined with my enthusiasm for data science and renewable energy, would make me a valuable addition to your team.

Thank you for considering my application. I look forward to the opportunity to further discuss how my skills and passion align with the needs of Rayleigh Solar Tech.

Sincerely,

**Vraj Shah**