Mory Gharasuie April 12, 2025

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**Dear Hiring Team,**

Dear Hiring Manager,

I am writing to express my strong interest in joining **Surfline Wavetrak’s Innovation team** as a Machine Learning Intern. As a PhD candidate in Computer Science at Old Dominion University, I have developed hands-on experience in **data analysis, Python scripting, and machine learning frameworks**—all of which align with this opportunity to work on camera-derived or oceanographic forecast data. I have built ML pipelines spanning data preprocessing, model development, and insight generation, and I’m eager to apply these skills in **real-world ocean forecasting** to inform product offerings for surfers and other coastal enthusiasts.

My background includes exploring **computer vision** techniques, orchestrating data workflows in **Linux** environments, and handling complex datasets—capabilities that match Surfline Wavetrak’s focus on **HD coastal camera networks** and large-scale data processing. Through my PhD research, I have sharpened my abilities to ensure data quality, investigate anomalies, and iterate methodically toward robust solutions. I am also passionate about developing insights that can inspire and inform end users. Surfline’s mission to enrich the experiences of ocean lovers worldwide resonates with my own interests and professional goals.

Thank you for considering my application. I would love the opportunity to contribute to Surfline Wavetrak’s forecasting innovations, gain deeper ocean science insights, and collaborate with a driven, multi-disciplinary team. I look forward to discussing how my experience can help propel Surfline’s data science initiatives forward.

Sincerely,  
**Mory Gharasuie**  
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