Aiden V. Johnson

Innovative AI/ML leader with 10+ years' experience
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Dear Pano AI Team,

As an AI/ML leader with over a decade of experience delivering impactful, scalable artificial intelligence systems, I am excited by the opportunity to help Pano AI advance its mission of protecting communities through faster wildfire detection. Having led the technical development of NASA-funded wildfire prediction systems and directed teams building end-to-end AI products, I am well-positioned to lead your AI / Perception team in developing and refining computer vision-based fire detection and localization systems.

At Space-Eyes, I served as Chief Technology Officer and Principal Investigator for a NASA Ignite Grant, developing advanced AI/ML models for wildfire prediction using multi-source geospatial data. I led cross-functional teams in designing and deploying AI systems that integrated advanced computer vision, deep learning, and remote sensing to identify wildfire risks, demonstrating my ability to translate complex R&D into operational, user-focused products. My experience in selecting and driving applied research projects, combined with my hands-on development using frameworks such as PyTorch and TensorFlow, aligns closely with Pano AI's vision of improving detection accuracy and speed across challenging conditions.

Throughout my career, I have valued clear performance metrics, continuous model validation, and close collaboration with product and operations teams to ensure that AI models deliver actionable intelligence to end-users. I am eager to apply this approach at Pano AI, ensuring your detection and localization pipelines remain state-of-the-art while reliably supporting the needs of first responders. Additionally, my background in authoring technical publications and grant proposals can support Pano's industry leadership and thought leadership efforts as you expand.

Pano AI's mission resonates deeply with my commitment to using AI for climate resilience and public safety, and I am energized by the opportunity to contribute to a company recognized as a leader in climate tech and AI innovation. I look forward to the possibility of discussing how my experience can help drive Pano AI's continued success in providing life-saving wildfire intelligence.

Thank you for your consideration.

Warm regards,

Aiden Johnson