

Leonardo Mullins

Machine Learning Engineer (Mid Level)



Contact

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Hiring Manager
CanyonSight Technologies
Denver, Colorado
USA

Dear Hiring Team at CanyonSight Technologies,

I am excited to apply for the Machine Learning Engineer (Mid Level) position at CanyonSight Technologies. My experience building computer vision systems for **construction monitoring**, geospatial imaging, and visual inspection closely matches your work turning real-time visual data into useful insights for project teams.

I bring strong hands-on experience with Python, PyTorch, TensorFlow, OpenCV, and NumPy, along with **object detection**, **semantic and instance segmentation**, and **3D reconstruction**. In my current role, I build models for aerial, spherical, and 360 construction imagery and assess errors tied to lighting, occlusion, and camera viewpoint.

I have worked across the full ML workflow, from research and data preparation through testing, deployment, and pipeline improvement. My background includes SfM, MVS, SLAM, and COLMAP, plus debugging large-scale image workflows and writing maintainable code through Git and **code review**. I communicate experiment results and failure analysis clearly to product, engineering, and field operations teams.

CanyonSight Technologies interests me for its focus on **construction monitoring** and its effort to connect computer vision with measurable project outcomes. The chance to work on difficult vision problems, build production systems, and help owners, general contractors, and trade partners track progress would be a strong fit for my skills and interests.

Thank you for your time and consideration. I would welcome the opportunity to discuss how I can contribute to CanyonSight Technologies.

Sincerely,

Leonardo Mullins

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