[Full Name]

[Phone Number] | [Email Address]
[LinkedIn Profile URL] | [GitHub/Portfolio URL]
[Location: City, State]

[Date]

[Hiring Manager Name]
[Title]
[Company Name]
[Company Address]

Dear [Hiring Manager Name/Team],

I am writing to express my interest in the **Computer Vision Scientist** position at [Company Name]. With a strong foundation in [Specific Field, e.g., Deep Learning, SLAM, or Medical Imaging] and a proven track record of developing state-of-the-art algorithms, I am eager to contribute to [Company Name]'s mission of [Company Mission or Specific Product Goal].

During my [Years] of experience in [Research/Industry], I have focused on solving complex visual perception challenges. At [Previous Company/University], I spearheaded the development of [Specific Project or Model Architecture], which resulted in a [Percentage]% improvement in [Specific Metric, e.g., mAP, Inference Latency, or Accuracy]. My expertise spans the full machine learning lifecycle, from data curation and synthetic data generation to deploying optimized models on [Hardware Platform, e.g., NVIDIA Jetson, Mobile, or Cloud].

My technical proficiency includes:

- Designing and training **[Specific Architectures, e.g., Transformers, CNNs, or GANs]** using PyTorch/TensorFlow.
- Implementing 3D reconstruction and **[Specific Domain, e.g., Object Detection, Segmentation, or Pose Estimation]**.
- Optimizing models for production using **[Tools, e.g., TensorRT, ONNX, or C++]**.
- Publishing research in top-tier conferences such as **[CVPR/ICCV/ECCV/etc.]**.

I am particularly drawn to [Company Name] because of your recent work in [Specific Company Achievement/Project]. I am confident that my technical rigor and passion for advancing the field of computer vision make me a strong fit for your research and development team.

Thank you for your time and consideration. I look forward to discussing how my background in [Specific Skill] can help [Company Name] solve its most pressing visual computing challenges.

Sincerely,

[Full Name]