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To Dr. Christoph Zindel

Siemens Healthineers

Dear Dr. Zindel,

I am writing to apply for a position within the Applied Research & Innovation team at Siemens Healthineers. I hold a PhD in Biomedical Engineering from Stanford University, where my work focused on image-guided diagnostics and AI-powered tools for early cancer detection.

As part of the Stanford Center for Artificial Intelligence in Medicine, I developed a deep learning framework that improves tumor segmentation in PET/CT imaging. This model was trained using clinical data from Stanford Hospital and evaluated in collaboration with GE Healthcare. Our team achieved a 19% improvement in diagnostic sensitivity compared to current software benchmarks.

Siemens Healthineers' commitment to advancing precision medicine aligns strongly with my passion for data-driven diagnostics. Your Biograph Vision Quadra platform and recent collaborations on photon-counting CT are particularly exciting. I am eager to contribute to your ongoing innovations that enhance patient care globally.

Thank you for considering my application. I've attached my curriculum vitae and research summary. I would appreciate the chance to speak with your team about contributing to next-generation diagnostic solutions.

Best regards,

Priya Desai