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Denton, TX

September 16, 2025

Hiring Committee

Yokogawa Fluid Imaging Technologies

Scarborough, ME

Dear Hiring Committee,

I'm writing to express my enthusiastic interest in the Optical Systems Engineer role at Yokogawa Fluid Imaging Technologies. With a Master's in Computer Science (4.0 GPA), 3+ years of professional engineering experience, and a deep commitment to precision, user impact, and cross-functional collaboration, I'm eager to contribute to Yokogawa's mission to lead the future of flow imaging microscopy.

During my time as a Software Engineer at Wipro and through recent work with startups like Phylactics and ReplyQuickAI, I've honed a systems-level approach to solving complex, data-driven problems. My work involved developing and optimizing imaging platforms and AI-enhanced tools used in healthcare and scientific applications. While my primary background is in software and systems engineering, I've worked directly with image processing pipelines and real-time data capture tools, including developing diagnostic visualizations and AI-assisted workflows with FastAPI, Python, and Postgres.

What draws me to Yokogawa is the unique intersection of advanced optical systems, real-world scientific impact, and a collaborative culture that values both craftsmanship and innovation. I'm particularly excited about the chance to contribute to the design and improvement of high-precision instruments like FlowCam—systems that directly empower research in fields as diverse as pharmaceuticals and marine science.

I am eager to bring my engineering rigor, curiosity, and hands-on product mindset to your talented team in Maine. Thank you for considering my application—I'd welcome the opportunity to speak further about how I can support Yokogawa's continued leadership in imaging technology.

Warm regards,

Rolano Agnelo Rebelo