

Dear Hiring Manager,

I am excited to apply for the Robotic Software Engineer position within the Customer Solutions Engineering team at Intrinsic. As a current Master's student in Computing at the National University of Singapore, specializing in smart robotics, and with a solid background in mechanical engineering and design, I am deeply passionate about leveraging innovative technologies in industrial robotics, a vision I share with Intrinsic.

My academic journey, particularly my focus on smart robotics, aligns perfectly with Intrinsic's forward-thinking mission. My intrigue in this field was sparked during my Mechanical Engineering degree, where my final year project involved integrating a vision sensor with a UR10 robot for autonomous detection and motion control. This project was not just an academic endeavor; it was a turning point that guided me towards pursuing a Master's in Computing. This decision was fueled by my belief in the transformative potential of AI in robotics, a belief that resonates with Intrinsic's vision.

In my professional role at HP R&D Singapore as a Design Engineer and New Product Introduction Product Engineer, I cultivated a strong foundation in 3D modeling, finite element analysis, and project management. A highlight of my tenure was participating in the development of an automated prototype line, an experience that has significantly bolstered my interest in and understanding of automated systems. This background, coupled with my newfound expertise in software engineering, uniquely positions me to make substantial contributions to Intrinsic's innovative projects, particularly with the Intrinsic Flowstate platform.

I am thrilled at the possibility of joining a team as dynamic and visionary as Intrinsic's. I am keen to bring my unique blend of academic knowledge, professional experience, and a deep-seated passion for robotics innovation to contribute meaningfully to your team and the broader mission of reshaping the future of industrial robotics.

Thank you for considering my application. I look forward to the opportunity to discuss how my background, skills, and enthusiasm make me an ideal fit for this role.

Sincerely,

Lee Young Ho