AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the System-level Quality Assurance Developer position at Quanser Inc. Your company's focus on advanced robotics, mechatronics, digital twins, and AI deeply resonates with my passion for creating high-quality, impactful systems. I am particularly excited by the opportunity to contribute to the user experience of innovative solutions like the Autonomous Systems and Applied AI labs.

My experience aligns well with the requirements outlined in the job description. For instance, my strong MATLAB Simulink knowledge and experience, coupled with my programming skills in Python, make me well-prepared to contribute to the out-of-the-box testing and development of Simulink/QUARC models, as required. Furthermore, my proficiency in C++ and experience with Linux, as demonstrated by my work on a tire-pressure system in C++ and Wi-Fi validation pipelines, positions me well to contribute to this role. My demonstrated ability to reduce test time by 40% in Wi-Fi validation pipelines highlights my commitment to efficiency and quality, which directly translates to the role's responsibilities.

The prospect of working on the QCar 2, QDrone 2, and QBot Platform is incredibly exciting. I am confident that my experience in identifying shortcomings in user experience and contributing to their resolution, along with my deep-rooted interest in autonomous systems and machine learning, will allow me to be a valuable asset to your team. I am eager to apply my skills to ensure a high-quality, consistent user experience across a range of cross-platform software and devices.

Aman Zaveri