






Paris Davenport

Junior Mechanical Engineer

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Tinker Robotics
Hiring Manager
Chicago, IL

Dear Hiring Manager,

I am excited to express interest in the Junior Mechanical Engineer position at Tinker Robotics. With a unique blend of learning, passion, and hands-on experience, I feel fully prepared to contribute effectively. My recent endeavors at university taught me how to effectively apply my knowledge in real-world scenarios.

At university, I tackled many challenging projects. For instance, I led a team designing a robotic vehicle that autonomously navigated defined routes. Collaboration was key, as I ensured that the team's ideas melded into a cohesive final product. Learning to iterate and rapidly prototype designs shaped my problem-solving abilities immensely.

During internships, I developed intricate 3D models using Solidworks. Each model was a puzzle to solve, integrating various components while considering manufacturing constraints. The satisfaction of seeing theoretical designs transform into functional prototypes was immensely fulfilling. It confirmed my commitment to the mechanical engineering field.

Proficiency in CAD software like Fusion360 has become second nature, bolstered by my certification as a Solidworks Associate. Continuous practice allowed me to refine my technique in engineering drawings and documentation. Each sketch tells a story, guiding production from concept to tangible reality.

I am eager to join Tinker Robotics. Your focus on innovative robotic solutions resonates with my aspirations. Together, we can push boundaries. I genuinely believe my background in prototyping and design can elevate your projects. Collaboration brings forth extraordinary outcomes.

I appreciate your consideration

Sincerely,

Paris Davenport

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