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Rafael Watts

Automation Manufacturing Engineer Intern

AUGUST 20, 2026

Hiring Manager
Tech Innovations, Inc.
Charlotte, NC

Dear Hiring Manager,

I am excited to apply for the Automation Manufacturing Engineer Intern role at Tech Innovations, Inc. This position resonates with my academic journey in engineering, especially with my recent hands-on experience in automation systems.

During my academic tenure, I faced challenges that tested my problem-solving skills. Leading a project on an automated sorting system, I directed a team to enhance processing speed by 30%. The practical application of engineering principles invigorates my learning and fuels my ambition.

My tenure as an Engineering Research Assistant solidified my abilities. Working on robotics applications refined my skills in optimizing workflows and analyzing performance in production lines. Prototypes I helped create received attention at local conferences, fostering discussions about innovation in manufacturing.

Additionally, I collaborated on a hackathon project where we innovated an automated inventory management system, illustrating my adaptability. Using vision systems made processes efficient. Sharing insights with peers during these projects motivated me to explore more.

As I progress towards my degree, my passion for enhancing manufacturing efficiency with technology remains strong. I envision bringing this enthusiasm to your team, contributing to meaningful projects and innovations.

Thank you for considering my application.

Sincerely,

Rafael Watts

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