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Dear Sir/Madam recruiter at Braun Northwest,

I am writing to you to express my interest in the Emergency Response Vehicle Designer/CAD position. I am a graduate of Saint Martin's University and hold a Bachelor's degree in Mechanical Engineering. I learned about this position through LinkedIn and after visiting your website, got really engaged with the work you do in the public sector. I believe I possess the necessary skills, qualifications, and experience to be a good fit for this position.

At Saint Martin's University, I have taken courses related to design, using AutoCAD and Autodesk Inventor, by assembling parts and modeling structures. Also, I have used ANSYS to analyze and evaluate mechanical events. I had the opportunity to use these programs for my Senior Design Project. My team and I worked to the demand and instructions of the Department of Natural Resources to develop a pollinating device that would go attached to a drone dispersing pollen to trees. We designed the model (using Inventor), fabricated parts with additive manufacturing, and made thermo-mechanical properties analysis (using ANSYS). We successfully were able to deliver a working prototype under budget, satisfying all customer's requirements. Our group received the Outstanding Mechanical Engineering Design Capstone Award by Saint Martin's University faculty due to our professionalism and technical skills to complete a real-world project.

I had the opportunity to work for Rampage Fabrication as a Product Simulation Consultant. In this role, I was responsible to design automotive parts within Rampage's Administrative Manager request. This role involved working and creating technical drawings using Autodesk Inventor. In addition, I was able to work on my customer service skills by attending to meetings, facilitating communication with my clients and completing their expectations in a timely manner.

Braun Northwest would be an incredible place for me to further my knowledge and skills. Based on what I have read about this position, I believe my skills would perfectly fit to your needs. I would appreciate any opportunity to talk more about how we can help each other keep growing.

Thank you for your time and consideration.

Sincerely,

Alessandra Portaro