

February 19, 2025

Recruitment Team
Doosan Bobcat
19850 S Diamond Lake Rd
Rogers, MN 55374

Dear Bobcat Recruitment Team,

I'm writing to apply for a Manufacturing Engineer I position at Bobcat. Growing up in a contractor family business, I'm familiar with operating Bobcat products and know the impact their machinery has in the trades industry. As a recently graduated mechanical engineering student, I'm passionate for designing effective, data driven solutions for products and manufacturing processes. I'm confident that my diverse technical knowledge, leadership skills, and problem-solving experience would make me a strong addition to the Bobcat team.

I have demonstrated my expertise in manufacturing optimization while spearheading the design and fabrication of the suspension package during my time on Temple's Formula Racing team. While in the component design phase, I used my fabrication knowledge to choose design elements which would allow more efficient machining and require less starting material. Not only did my final design meet project requirements, but it reduced component mass by roughly 15%. Furthermore, the machining process I developed required roughly 132 cubic inches less material, eliminated 20+ hours of total cycle time, and yielded reusable tooling and fixtures. These processes have resulted in our team placing 15th out of 120 teams at the 2024 global FSAE competition, breaking the school record by 9 places.

I'm excited for the opportunity to help Bobcat continue to innovate the compact equipment industry. I would appreciate a chance to further discuss my qualifications in person or over the phone. Please don't hesitate to reach me at jakobwerle@outlook.com or 570-533-6951. Thank you for your time and consideration!

Sincerely,

Jakob Werle