

January 28, 2025

Eileen Ottaviano
Dorman Products
3400 E Walnut St
Colmar, PA 18915

Dear Eileen Ottaviano,

I'm writing to apply for a Rotational Product Engineer position at Dorman. I learned about the job opening from Owen McCarty, a current Dorman engineer, who I worked closely with as leaders of Temple University's Formula SAE team. I recollect my time working at AutoZone, where I gained firsthand appreciation for Dorman's impact on the aftermarket automotive industry. I frequently imagined how I could one day apply my own design skills to the parts I was selling. As a recently graduated mechanical engineering student, I continue to have that vision and I'm drawn towards Dorman's emphasis on developing versatile engineers through hands-on experience. I'm confident that my diverse technical knowledge, leadership skills, and design experience would make me a strong addition to the Dorman team.

Through my FSAE and professional experiences, I have demonstrated my passion for problem solving and learning by spearheading a variety of projects. At Temple Formula Racing for example, I redesigned and machined uprights to support the switch from 13" to 10" wheels. While in the design phase, I used my fabrication experience to choose design elements that 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.

The Rotational Product Engineer position offers an opportunity to apply and develop engineering skills while contributing to the automotive industry. With my hands-on experience designing, testing, and analyzing complex systems, I am confident that I would succeed in this role. By selecting me for this position, Dorman would gain a dedicated team member who is eager to innovate and grow along with the company.

I would appreciate a chance to further discuss my qualifications in person or over the phone. Please don't hesitate to reach me at yak108@outlook.com or 570-533-6951. Thank you for your time and consideration!

Sincerely,

Jakob Werle