

Rae Ehrbar

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Dear Hiring Manager,

My name is Rae Ehrbar, and I'm currently pursuing a degree in Systems Engineering at Otterbein University with minors in Data Science and Mathematics. I am excited to contribute my skills to impactful projects while growing as an engineer through technical training and mentorship.

My passion for engineering was sparked by a deep curiosity about how math and science intersect to solve real-world problems. Over the past three years, my coursework and lab experiences have taught me to embrace uncertainty and lean into discomfort, where the most meaningful learning happens. That mindset carried into my field experience, where I discovered how much I thrive in fast-paced environments filled with constant challenges. I'm energized by urgency and the knowledge that others are counting on me. A big part of this is being involved in solving problems that matter.

I have contributed to projects involving mechanical design, facility layout optimization, electrical circuit development, and data-driven reliability analysis. My training in systems engineering has equipped me with a strong foundation in process optimization, risk mitigation, and lifecycle analysis, all of which I am eager to apply to driving meaningful change.

As a collegiate student-athlete pursuing an engineering degree, I thrive on challenge and never settle for the minimum. What truly sets me apart is how I've extended learning beyond the classroom. From earning a Google Data Analytics certificate on my own to learning four new software platforms in my first year of college, I've proven myself to be a fast, self-directed learner with a relentless work ethic. Balancing academics, athletics, and independent learning has sharpened my leadership while also teaching me how to excel under minimal supervision.

Sincerely,
Rae Ehrbar