

Dennis Decker

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Summary:

Senior Mechanical Engineering student with a passion for tackling new challenges and a strong commitment to delivering high-quality work. Proven leadership abilities and a collaborative team player. Continuously engaged in personal projects to expand knowledge and embrace new challenges.

Academic (2020-Present):

- Pursuing a BSME with an expected graduation date of May 2024, Current GPA: 3.4 and Enrolled in the Meng accelerated program with 6 graduate credits by graduation
- Actively engaged in the analysis, design, and manufacturing of a liquid-to-liquid heat exchanger system demonstrator for The Boeing Company.
- Designed, analyzed, modeled, and successfully manufactured a Spur Gear reduction system.
- Led various design projects, showcasing strong leadership and problem-solving skills.

Other Experience (2016-Present):

- Founded and operated a successful business specializing in rebuilding and reselling small off-road vehicles.
- Successfully rebuilt approximately 100 single and twin-cylinder engines including 2 six-cylinder BMW engines showing a high level of hands-on experience and expertise in precision tolerancing
- Achieved consistent monthly production of 2-3 vehicles while in high school, resulting in monthly profits ranging from \$1k-\$3k.
- Maintained an impeccable track record with zero returned vehicles due to mechanical issues throughout four years of business operations.

Skills:

- Strong foundational knowledge of SolidWorks and MATLAB
- Self-taught Mechanic with extensive hands-on experience
- Strong team player with leadership capabilities
- high attention to detail and quality
- Creative approach to problems