

MY CAREER



● Mechanical Engineering Intern at Maverick Engineering Solutions (1.1 Years)

● Capstone Project Developer at University Project (8 Months)

● Research Assistant at Academic Research (7 Months)

Led a collaborative effort to design a precedent-setting renewable energy solution prototype, emphasizing sustainability and efficiency. Conducted extensive research and developed materials tailored to meet specific project criteria. Presented design outcomes to faculty and professionals, receiving commendations for innovation and impact potential.

- Spearheaded the development and execution of a resource-efficient energy prototype meeting eco-friendly specifications.
- Conducted comprehensive research on manufacturing techniques vital for prototype integrity and functionality.
- Led project management activities, ensuring timely task completion and fostering team engagement.
- Facilitated iterative testing phases to validate concept designs, adjusting based on performance metrics evaluated during trials.
- Gathered continuous peer feedback, evolving the project's components for heightened effectiveness.
- Presented key findings and insights derived from technical evaluations to curriculum evaluators.

Research Assistant

Academic Research 📅 January 2025 - August 2025 📍 Appleton, WI

Assisted in cutting-edge research focused on thermal management, playing a crucial role in data collection and analysis. Contributions included organizing results using Microsoft Excel, collaborating in the writing of academic papers, and refining technical illustrations through CAD software. Participated in constructive discussions centered on engineering breakthroughs with faculty members.

- Contributed significantly to research focused on improving thermal systems for electronics, shaping the future applications of the results generated.
- Employed analytical skills in Excel for data organization, ensuring accuracy for hypothesis validation and subsequent reporting.
- Supported literature compilation which formed the basis for substantial findings disseminated at conferences.
- Engaged in productive discussion forums aimed at discovering new methodologies relevant to engineering subjects being explored.
- Honed technical illustration skills by producing clear representations of experimental findings through software.
- Frequent participation in seminars allowed for ongoing skill enhancement and exposure to peer perspectives.

LEADERSHIP & AWARDS

- Dean's List, University of Wisconsin - Appleton, 2025
- First Place, Engineering Hackathon, 2025

CERTIFICATIONS

- Solidworks Certified Associate 📅 2026
- Microsoft Office Specialist 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Engineering Student Society, 2024 – Present
- Volunteer, Local Community Science Fair, 2025

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST