

Objective

To obtain an internship in the Mechanical Engineering field

Education

Bachelor of Science, Mechanical Engineering

May 2024

GPA: 3.92

- Rose-Hulman Institute of Technology, Terre Haute, IN

Hudson High School, Hudson, OH

May 2020

GPA: 4.0

- Achievements: Magna Cum Laude, NHS

Experience

Bridgestone Technology Center, Akron OH

June 2021 – Aug 2021

Intern

- Analyzed and recreated top-down designs using Creo.
- Assisted modeling work pertaining to a new product release.

NASA Glenn Research Center, Cleveland OH

June 2019-Aug. 2019

High School Intern

- Researched and presented on regenerative fuel cells to design a one-to-one model of a CubeSat with an electronics diagram and parts list
- Gained first-hand experience on the responsibilities of an engineer at NASA including presentations, lab reports, analysis of data, collaboration, scientific communication, and CAD modeling

Aug. 2016- May 2020

Makerspace Club

President

- Coordinated the members of the club in group projects and individualized training using advanced software and hardware systems while encouraging collaboration, discovery, and innovation
- Participated in engineering competitions and showcases, organized fundraisers to grow the membership and equipment of the club

May 2018 – May 2020

FIRST Robotics Team 7486 and 8581

Member

- Designed and built sophisticated robots to compete in a national competition
- Expanded my abilities in CAD modeling, collaboration, leadership, the engineering design process, presentation skills, and perseverance

Make it Happen Project – Modified Power Wheels Car

Jan 2021 – May 2021

Member

- Modified a hot wheels car with in order for two kids with muscle dystrophy to sit comfortably
- Collaborated with team members effectively and produced a product according to the client's needs

Honors

- Rose-Hulman Institute of Technology Noblitt Scholarship
- Alpha Lambda Delta Vice President
- 2020 Bridgestone Emerging STEM Leaders Program
- National Merit Commended Scholar

Skills

Software: Solidworks, Creo, Fusion360, Inventor, 3D printing slicers, Photoshop, CorelDraw, Microsoft Office, Java, C++

Hardware: 3D printers, CNC machines, laser cutters, woodworking equipment