

Jarrett Sech

(828)545-6201

jarrettsech@gmail.com

Asheville, NC

EDUCATION

B.S Mechanical Engineering - *Texas A&M University, College Station, TX*

August 2020 - May 2024

GPA: 3.61

Relevant Coursework:

SolidWorks Modeling

Numerical Methods

Machine Learning for Mechanical Engineers

Python Programming

Precision Machine Design

Additive and Subtractive Manufacturing Processes

Control Systems

Algorithmic Design in Houdini

EXPERIENCE

Operations Intern - *Eaton Corporation, Jackson, MI*

May 2022 – August 2022

- Took initiative to learn Visual Basic for Applications Coding Language (VBA) over a 3-month period
- Developed advanced, automated Excel solutions using VBA and creative problem solving
- Increased efficiency and reduced chances of human error by mapping, standardizing, and automating processes

Engineering Co-op - *Eaton Corporation, Remote*

August 2023 – December 2023

- Applied previously acquired knowledge of VBA to automate Excel systems and develop robust programs
- Created a productivity tracker using Excel to automate the process of analyzing Employee Productivity

Machine Shop Student Technician - *Texas A&M University, College Station, TX*

January 2022 – September 2023

- Oversaw machine shop functions to prevent unsafe or improper handling of equipment
- Machined items to specific design requirements and tolerances requested from students and faculty
- Always learning how to use new machinery and tools to improve effectiveness and efficiency

Ice Cream Attendant - *The Hop Ice Cream, Asheville, NC*

May 2021 – August 2021

- Maintained professionalism in a high stress and fast paced environment
- Worked with a diverse team to serve customers ice cream and other products in a timely fashion
- Cleaned and closed the store as well as performed routine checks and services

Little League Umpire - *North Asheville Little League, Asheville, NC*

April 2016 – April 2020

- Officiated Little League Baseball games for kids ages 7-12
- Deescalated stressful and highly emotional situations while remaining calm and respectful
- Built relationships with kids, parents, and coaches throughout the season to run games without issue
- Selected as a Little League Championship Umpire

AWARDS & INVOLVEMENT

Extracurriculars: Tau Kappa Epsilon Fraternity Disciplinary Board, Guitar, TEDxTAMU, Big Event Volunteer Day

Scholarships & Awards:

Maroon Merit Award

WNC A&M Leadership Award 2020, 2021, 2022 & 2023

Lechner Fellowship

AP Scholar with Distinction 2019 & 2020

Distinguished Student Award Fall 2021, 2022, 2023

AP Scholar Award 2018

Association of Former Students Scholarship 2020

Top Ten Student Award 2016 - 2020

SKILLS

SolidWorks Modeling

MATLAB & Simulink Experience

Visual Basic for Applications (VBA)

Houdini 3D Animation Software

Microsoft Office Products

Creative Problem Solving

Advanced Knowledge of Microsoft Excel

Proficient with shop machinery (Lathe, Mill, etc.)

Python Programming Language

Proven written & verbal communication skills in a team environment