

Tauseef Afraz

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Education

Collin College, Collin County, TX

May 2022-Present

- Dual Associates
 - Associate of Applied Science in Electronic Engineering Technology Expected in May 2025
 - Associate of Applied Science in Robotics and Automation Technology Expected in May 2025

Embry-Riddle Aeronautical University (ERAU), Daytona Beach, FL

August 2021-May 2022

- Bachelor of Science in Aerospace Engineering Expected
 - Area of Concentration: Astronautics

Extracurricular Experience

NASA Community Aerospace Scholars (NCAS)

July 2023-February 2024

- Mission 1: Discover
July 26-August 30, 2023
 - Completed online modules including readings, videos, and assignments. Engaged with NASA experts through a speaker series. Culminated in a Final Infographic Assignment.
- Mission 2: Explore
October 30th-November 3rd 2023
 - Participated in a week-long career simulation, adopting roles as NASA employees to understand workplace dynamics and the importance of teamwork in achieving mission goals, focusing on lunar surface exploration.
- Mission 3: Innovate
January 29-February 2, 2024
 - Contributed to a Capstone Project addressing NASA's current challenges, developed innovative solutions, and presented findings to NASA professionals. Included two weeks of virtual collaboration and a week on-site at NASA Langley Research Center.

First Robotics Competition (FRC) 5431; Titan Robotics

August 2017-Present

- Mentor - Supervise and work with the Electronics Lead of the electronics division of Titan Robotics
- Programming Co-Lead - Taught, maintained, and supervised the programming and electronics division of Titan Robotics
- Electronic Sub-Team Lead - Taught, maintained, and supervised the electronics division of Titan Robotics
- OSHA 10-hour Construction Industry
- Taking initiative and having problem-solving abilities
- Working collaboratively with team members on assigned projects

Embry-Riddle Future Space Explorers and Developers Society (ERFSEDS)

September 2021-May 2022

- Team Member; Project Cerberus and Project Kleos
- Planned and designed an avionics bay for a model rocket
- Planned and created a 5-pound ballast for a nose cone for a model rocket to stabilize the rocket during lift-off

NASA High School Aerospace Scholars (HAS)

October 2019-July 2020

- Took a 2-part program about Aerospace
 - Learned about Aerospace and NASA technologies
 - Worked on Developing a Rover

Work Experience

First Updates Now, FRC Correspondent, Hybrid

January 2022-Present

- Write scripts to report events around the globe on multiple live shows.
- Conduct live interviews with FRC teams that showcased their robot's mechanical and software abilities.

Jimmy Burger, Assistant Manager, Plano, TX

June 2017-Present

- Grill different types of meats and veggies in many different ways for customers' enjoyment
- Deliver exceptional, friendly, and fast service
- Take care of customer complaints
- Maintain and update the computers, Point of Sale systems, and tablets at the restaurant
- Accurately record orders and partner with team members to serve food and beverages that exceed guests' expectations

Skills

Software

- Microsoft Word, PowerPoint, Excel, Outlook
- Google Docs, Slides, Sheet, Gmail
- KiCad, Multisim

Languages

- HTML