

# Tauseef Afraz

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## Project Experience

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

September 2021-May 2022

- Team Member; Project Cerberus and Project Kleos
- Planned and designed an avionic bay for a rocket
- Planned and created a 5-pound ballast for a nose cone for a rocket

### First Robotics Competition (FRC) 5431; Titan Robotics

August 2017-June 2021

- Programming Co-Lead - taught, maintained, and supervised the programming and electronics division of the Titan Robotics
- Electronic Sub-team lead - taught, maintained, and supervised the electronics division of the Titan Robotics
- OSHA 10-hour Construction Industry course to provide workplace safety standards and regulations to ensure safe working conditions
- Taking initiative and having problem-solving abilities
- Working collaboratively with team members on assigned projects

## Internship Experience

### NASA High School Aerospace Scholars (HAS)

November 2019-February 2020, July 2020

- Took a 2-part program about Aerospace
  - 4 months of courses about Aerospace and NASA technology
  - 1-week program about developing a Rover

### Architecture Construction Engineering (ACE)

November 2019-February 2020

- Received guidance from mentors within the architectural and construction field
- Developed architectural and construction skills

## Work Experience

### Jimmy Burger, Assistant Manager, Plano, TX

June 2017-Present

- 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

## Education

### Collin College, Collin County, TX

May 2022-Present

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

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

August 2021-May 2022

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

### Plano ISD Academy High School, Plano, TX

August 2017-May 2021

- High School Diploma
- Project-based learning
- STEAM

## Skills

### Software

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

### Languages

- HTML, MATLAB