

Tauseef Afraz

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tauseefafraz.com

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

First Updates Now, FRC Correspondent, Hybrid

January 2022-Present

- Write scripts to report events that have happened around the globe on multiple live shows.
- Conducted live interviews with FRC Teams that showcase their robots 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

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