

Ryan Bonner

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OBJECTIVE

Seeking a full-time position that will allow me to use my critical thinking and problem-solving skills, as well as my knowledge of aerospace engineering and mathematics to help further a company's projects and goals.

EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science in Aerospace Engineering
Minor in Mathematics

May 2021

WORK EXPERIENCE

Autonomous Off-World ISRU, College Station, TX

December 2020 – June 2021

Lunar Environment Team

- Collaborated with a team of 30 engineers to design and simulate a system of rovers to mine icy regolith from the lunar south pole and transport it to the desired location
- Researched processes of lunar dust mitigation, thermal management, and radiation protection and presented the results
- Worked alongside representatives of Offworld to further develop their research and system architecture

Sky Ranch Camps, Van, TX

May 2017 – August 2017

Activities Team

- Coordinated daily responsibilities for a group of 30 high school lifeguards
- Ensured safe operations according to policy and procedure at each activity
- Managed the maintenance of watercraft, equipment, and pools throughout the summer
- Planned and facilitated events and activities for over 10,000 students

Chick-fil-A, Bee Cave, TX

May 2012 – May 2015

Team Member/Cashier

- Worked efficiently with other team members in a fast-paced environment to service the drive-thru and front of house
- Mastered the responsibilities of multiple positions relating to daily operations including overseeing transactions and managing customer interactions

LEADERSHIP & ACTIVITIES

Bluecoats Drum and Bugle Corps

January 2014 – August 2019

Section Leader (January 2016 – August 2019)

- Organized travel, set-up, and performance logistics for a 200-member convoy over the course of a 3-month national tour
- Facilitated effective communication between administration and members, managed conflict resolution between members

Member (January 2014 – August 2019)

- Competed alongside 150 members of a world class performance ensemble in Drum Corps International's elite competition circuit, consistently placing in the top 3 teams
- Participated in 14-hour rehearsals every day to perfect my performance

Beta Upsilon Chi Fraternity at Texas A&M

August 2016 – May 2020

Member

- Planned and facilitated outreach events both on and off campus to promote community and shared values among the student body at Texas A&M
- Served on a committee to plan a philanthropic music festival that successfully raised over \$80,000 for Living Water International; oversaw production and distribution of marketing materials including signs and social media posts

Aggie Experience Council

August 2017 – August 2019

University Tour Guide

- Provided on-campus walking tours for prospective students of Texas A&M University
- Communicated the numerous programs and opportunities available for students, as well as the traditions and values that distinguish Texas A&M as a university
- Served on a committee responsible for properly training and mentoring new tour guides

SKILLS

- Proficient in Microsoft Office
- Experience in Matlab, Solidworks, Revit, and Inventor