

ADRIAN FELIPE BELTRAN

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EDUCATION

McNeese State University, Lake Charles, LA

Bachelor of Science in Mechanical Engineering May 2020

Minor in Mathematical Sciences

Engineering GPA: 3.72/4.00

Passed Fundamentals of Engineering Exam (EIT)

WORK EXPERIENCE

LaACES Telemetry Project Lake Charles, LA Jan 2020 – June 2020

- Designed and implemented hardware improvements for a tracking system to be lifted 30km by balloon
- NASA funded research into atmospheric science related topics
- One of four mechanical engineers selected by board of professors from ~60 applicants
- Worked directly with multinational and multidisciplinary team of engineering students

Intern, Distribuidora Katal (Nail and Wire Factory) Lima, Peru May 2019 – July 2019

- Supervised team of 3 Peruvian mechanics in charge of maintenance, reporting to upper management
- Identified, diagnosed, and repaired faults in motors, wire drawers, and other equipment
- Implemented new preventative maintenance using silicone gun to block out dust from motors

Algebra 1 Tutor and Proctor Lake Charles, LA Aug 2016 – May 2020

- Taught systems of equations, inequalities, and factoring among other Algebra I topics
- Directly helped roughly 200 students of different abilities both individually and in small groups
- Developed and applied new seating arrangement to prevent cheating of test takers
- Instituted use of informational spreadsheet to efficiently check in test takers

STUDENT INVOLVEMENT

Speech and Debate Team Lake Charles, LA May 2019 – May 2020

- Elected to be Representative for Student Government
- Competed in San Marcos, TX in impromptu speaking
- Served as judge for high school speech competition

McNeese Marching Band Lake Charles, LA Aug 2017 – May 2019

- Balanced, as a team, musical and physical movements on the field
- Assessed and corrected personal and team mistakes to facilitate constant improvement
- Most improved freshman

Kappa Lambda (Volunteer Club) Lake Charles, LA Aug 2016 – May 2020

- Third year as secretary, recording member's hours and taking minutes at meetings
- Raised over \$2000 for St. Jude's, Autism Services, and Hurricane Dorian organizing a yearly formal dance
- Engaged with disabled children in therapeutic horse-riding lessons for **100+ hours**

SKILLS

- Fluent in Spanish, Intro PLC Programming, Basic Javascript, Basic HTML, AutoCAD, ANSYS Fluent, MatLAB, Microsoft Office

HONORS

- Symphonic Band Scholarship, Marching Band Scholarship, Distinguished Achievement Award, President's Honor List, TOPS Honors