

Ana Cruz

Allen, Texas

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OBJECTIVE

Seeking an internship for Summer 2024 in the field of Petroleum Engineering, specifically in designing infrastructure for upstream exploration or optimizing oil predictions in reservoir engineering.

EDUCATION

Texas A&M University, College Station, Texas

Expected Graduation: December 2026

Degree: Bachelor Degree - Petroleum Engineering

GPR: 2.731

Allen High School, Allen, Texas

Graduated: May 2022

EXPERIENCE

NASA Texas High School Aerospace Scholar, Houston, Texas

Sept 2020 – June 2021

Project Engineer

- Assisted my team in designing a prototype space lander for Artemis-themed missions using CAD.
- Presented PDRs with my engineering team to possible clients and collaborated with NASA scientists in order to improve our designs.

ACTIVITIES

IDEAAL

Aug 2022 – May 2023

Mentee

- Involved with the Asian American community at A&M to bring awareness of Asian culture while striving to become leaders in promoting cultural identity.

Engineers Serving the Community (ESC)

Aug 2023 – Present

Member

- Designed with the Junction 505 sub-group that to use the design program CAD to design parts for ramps and bridges that will be build for the College Station and Bryan community
- Volunteered to build ramps in the College Station area and bridges at the Houston trails

WE AUV Project Team

Fall 2022 – Present

PR Officer

- Contributed to the mechanical internal team where we design and CAD the internal systems of our automotive underwater vehicle.
- Communicated with WE Ambassadors for new opportunities to network with companies for AUV

SERVICE

IDEAAL

Aug 2022 – May 2023

- Volunteered to rake the leaves and plant trees for a residents in Bryan, Texas

Undergraduate Aggie Research

Jan 2024 – Present

- Researching how to integrate tactile VR for the blind and general public
- Volunteered to be part of the Tactile VR 2 team researching to display molecule models on the Graphiti, TactViz.

Awards

Allen Foundation Sunrise Rotary Club Scholarship

May 2022

Red Cross High School Scholarship

May 2022

SKILLS/Hobbies

- Proficient in Solid Edge AutoCAD and Autodesk
- Earned a CPR/AED/First Aid Certification with Red Cross
- Played the violin for over 10 years

