

# Alexa Milstein

ammilstein00@aol.com

210-324-5445

## EDUCATION

**Texas A&M University- College Station**  
*BS in Petroleum Engineering Honors*  
*Petroleum Ventures Program Certificate*

**May 2022**  
**Cum. GPA: 3.91/4.0**

## WORK EXPERIENCE

**Texas A&M University College of Engineering- College Station, TX**

Apr 2021 - Current

- **Undergraduate Research Assistant:** Developed a large set of surface tension data for solutions of 13 surfactants in combinations of 10 concentrations and 6 salinities using a Bubble Pressure Tensiometer; identified trends between head group, surfactant classification, and salinity, which is integral in determining the absorption and behavior of surfactants to be used in oil recoveries.

**Smoothie King- College Station, TX**

Jan 2019 - May 2019

- **Team Member:** Worked with a team in a fast-paced environment to serve smoothies to 150 customers each shift and provide customized suggestions, while also maintaining a 4.0 GPA.

**Retama Park- Selma, TX**

Apr 2016 - Aug 2018

- **Busperson:** Trained 8 new employees to serve \$3000 worth of products to 100-150 customers each day.

## LEADERSHIP

**Society of Petroleum Engineers**

Jan 2020 – Present

- **Vice President Internal:** Oversee 23 directors responsible for planning the chapter's events and facilitate monthly check-ins to ensure smooth execution of our events.
- **SPE Sophomore Retreat Director:** Develop a 3-day retreat schedule of team building and professional development activities for incoming sophomores to develop lasting connections with classmates.

**American Association of Drilling Engineer**

Apr 2020 - Present

- **Philanthropy Committee Director:** Plan and execute 7 service activities throughout the year for our members to give back to and clean our campus's community.

**Memorial Student Center Freshman Leaders International**

Sep 2018 - Present

- **Executive Director of Lead:** Lead 3 assistant directors and 9 freshmen to develop engaging weekly meetings that mold 40 freshmen members into leaders on campus and promote cultural diversity and understanding.
- **Assistant Director of Development:** Lead 80 freshman to become future leaders themselves through fundraising \$2000 for programs within MSC FLI and building relations with over 500 alumni.

**Fish Camp Crew Counselor**

Jun 2020 – Present

- Prepare and present skits about Texas A&M traditions and culture, as well as facilitate online meeting rooms and free time activities for incoming freshmen for 4 camp sessions of 100 students.

## VOLUNTEER EXPERIENCE

**Costa Rica Service Learning Trip**

Mar 2019

- Taught school-age children about how plastic pollution, due to tourism affects Costa Rica and how children can have a positive impact on their communities.

**Youthworks Mission Summer Trips**

2015 - 2018

- Onancock, VA (2015); Rosebud Reservation (2016); Brooklyn, NY (2017); Houston, TX (2018).
- Worked in communities on various tasks, including Kids Clubs, food kitchens, and rebuilding houses.

## HONORS

Dean's Honor Roll Honoree

Spring 2019-Spring 2020

President's Achievement Scholarship Recipient | **\$2,500 per year**

San Antonio Livestock Exposition Scholar | **\$5,000 per year**

James KB Nelson Scholarship | **\$3,000 per year**

Folds of Honor Scholarship Recipient | **\$5,000 per year**

## SKILLS

Python, Matlab, MS Office