

KRISTEN MOHAN

713-614-7848

kmohan@nd.edu

Katy, Texas

PROFESSIONAL SUMMARY

Detail-oriented student with knowledge of design processes, machining, and prototyping. In depth-theoretical knowledge in the areas of Fluid Dynamics, Design of Machine Elements, Thermodynamics, Differential Equations, Heat and Mass Transfer, Dynamics, and Solid Mechanics.

Highly motivated to acquire experience in a professional setting and has excellent communication and interpersonal skills to foster a collaborative work environment.

SKILLS

SolidWorks	MATLAB
Python	C Programming
Microsoft Office	Google Workspace
Critical Thinking	Project Management
Time Management	Technical Writing
Computer-Aided Design	Problem-Solving Abilities
Excellent Communication	Team Collaboration

EXPERIENCE

Limited Shadow Engineer Opportunity
Shell E&P Company, Houston, TX

Aug 2024

- Observed various engineers in different sections of the company

Shadow Optometrist

Texas State Optical, Houston, TX

Jun 2022-Aug 2022

- Observed eye examinations using various optometric equipments

Fun Product Coach

ASI Gymnastics, Cypress, TX

Jun 2021-Aug 2021

- Introduced kids to gymnastics and facilitated birthday parties

EDUCATION

Aug 2022 - May 2026

BS MECHANICAL ENGINEERING
THEOLOGY MINOR

University of Notre Dame, IN

Aug 2018 - May 2022

HIGH SCHOOL DIPLOMA
St. John XXII College Prep, TX

ACTIVITIES

ND Renewable Energy Club, Technical Committee, Aerodynamics Team	2024 - Present
ND Campus Ministry	2023 - Present
ND Baraka Bouts (Boxing Club)	2023 - Present
ND Dorm Music Ministry (Flute)	2022 - 2024
St. John XXIII College Preparatory National Honors Society, Vice President	2021 - 2022

VOLUNTEER EXPERIENCE

SIDE WALKER VOLUNTEER

Jun 2023 - Aug 2023

SIRE Therapeutic Horses - Fulshear, TX

- Assisted special need individuals with their horse therapy sessions
- Ability to recognize signs of discomfort in clients
- Demonstrated commitment to upholding ethical standards
- Familiar with utilizing appropriate language when working with clients of diverse backgrounds
- Able to identify potential problems that may arise during therapy

LANGUAGES

ENGLISH - Fluent

SPANISH - Beginner

AWARDS

2025 Vincent P. Slatt Summer Fellowship for Undergraduate Research in Energy Systems & Processes

2018 - 2022 US President Award for Academic Excellence

2021 Houston Regional Scholastic Writing Award

2021, 2022 College Board AP Scholar with Distinction

2018 - 2022 St. John XXIII College Preparatory Full-Ride 4 year Scholarship

2021 - 2022 St. John XXIII College Preparatory National Honors Society, Vice President

WEBSITE, PROFILE

- [Kristen Mohan - University of Notre Dame - Katy, Texas, United States | LinkedIn](#)