

# Jessica Curry

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## EDUCATION

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### Texas A&M University

*Bachelor of Science in Petroleum Engineering*

College Station, Texas

May 2027

GPA: 3.0

## WORK EXPERIENCE

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### Fiber Optics Fracture Diagnostics Lab

*Undergraduate Research Assistant, 4 hours/week*

College Station, Texas

August 2024 – Present

- Constructed wooden molds to be used in fracture diagnostic testing, ensuring each mold was constructed identically and reliably to reduce the risk of errors and minimize uncertainties in data.
- Utilized fiber-optic sensing technology (DTS and DAS) to monitor and diagnose hydraulic fracture operations, focusing on fluid distribution and stage isolation
- Developed and interpreted models to quantify fluid leakage and distribution during hydraulic fracturing, enhancing the understanding of plug performance and its impact on perforation erosion.

### Texas A&M Department of Recreational Sports

*Group Fitness Instructor, 5 hours/week*

College Station, Texas

October 2023 – Present

- Utilized American Council on Exercise training and certification knowledge to conduct safe and effective workouts
- Planned and led instructional dance and cycle classes to 60 participants each week, tailoring classes to meet diverse participant levels and fitness goals

### Sweet Eugene's House of Java

*Barista, 15 hours/week*

College Station, Texas

June 2024 – Present

- Prepared and served a variety of specialty coffee and tea beverages with precision, ensuring consistency and customer satisfaction in a high-traffic café setting
- Managed inventory, stocked \$700 of premade beverages and produce daily, contributing to smooth and efficient operations

### Icon Nightclub and Lounge

*Bartender, 12 hours/week*

College Station, Texas

October 2023 – Present

- Expertly crafted \$1000 worth of cocktails and beverages per night, consistently delivering high-quality service while managing multiple orders in a fast-paced environment and building customer rapport

## INVOLVEMENT

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### Society of Petroleum Engineers

*Outdoor Sports Co-chair*

College Station, Texas

September 2023 – Present

- Actively participated in networking and professional development opportunities including the SPE Sophomore Retreat and Mentorship program
- Engaged in skeet shooting event organization and fishing tournament preparation, gathered member feedback, and designed T-shirts to promote the event and organization.

### Phi Sigma Rho Engineering Sorority

*Member*

College Station, Texas

November 2023 – Present

- Maximized involvement in professional stress and time-management workshops, large-scale community service events, and social events between other STEM organizations, enhancing leadership and career readiness

### Fade to Black Dance Ensemble

*Member*

College Station, Texas

November 2023 – Present

- Choreographed and taught advanced dance routines, performed in group routines for audiences of 500 viewers, practiced time management by balancing rigorous practice schedules with academic responsibilities

## HONORS

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- **Presidents Endowed Scholar**, 2024 - 25
- **Engineering Honors Program**, 2024 - 25
- **Gift By Edith For Humbert Gonzalez Scholarship**, 2024 - 25
- **Engineering Grant Recipient**, 2024 – 25

## REFERENCES

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**Dr. Ding Zhu:** Professor, Petroleum Engineering, dingzhu@tamu.edu

**Anna Taggart:** Fitness and Wellness Program Director, Texas A&M University, ataggart@rec.tamu.edu