

GABRIELLE JACOBY

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EDUCATION

Bachelor of Science, Petroleum Engineering, Graduating May 2021

Computational Science and Engineering Certificate

The University of Texas at Austin

Overall GPA: 3.99/4.00

WORK EXPERIENCE

Production Engineer Intern; *ConocoPhillips* – Kenedy, TX

May 2019 – August 2019

- Created new measurement and analysis method to quantify sand production during well ramp-up process
- Analyzed \$28 million budget for sand rental equipment in the Eagle Ford asset to identify areas for cost reduction
- Researched wells' economic history to develop decision criteria flow chart for cleaning out wells prior to tubing install

Production Engineer Intern; *ConocoPhillips* – Midland, TX

May 2018 – August 2018

- Identified optimization opportunities to increase well production in Goldsmith waterflood by 28%
- Developed analysis tool for engineers to trend fluid level shot data to improve downhole efficiency
- Worked alongside field workers and contractors to complete several workover procedures worth \$1 million in NPV₁₀

Content Tutor; *Texas Athletics* – Austin, TX

January 2019 – May 2019

- Identified areas of academic focus with 15 student athletes on a weekly 1:1 basis to improve grades in STEM subjects
- Created innovative, targeted study materials by reviewing student feedback and changing tutoring style to meet a wide variety of learning needs

LEADERSHIP EXPERIENCE

Vice President; *Women in Petroleum & Geosystems Engineering (WPGE)*

Summer 2018 – Present

- Spearheaded corporate outreach to 50 Oil & Gas companies to strengthen relationship between students and industry
- Organized seminars about sustainability and diversity in the oil & gas sector to facilitate member's professional growth
- Coordinated volunteer program for 20 members with goal of creating educational petroleum projects for grades K-12

Active Member; *Texas Orange Jackets*

Fall 2018 – Present

- Assisted in the creation of an endowed scholarship for incoming self-identifying women by organizing fundraising campaigns and events
- Facilitated weekly educational art activities at the Settlement Home to support children from abusive backgrounds
- Volunteered in the greater Austin community to serve homeless, underprivileged youth, and imprisoned

Mentor; *PEN Pal Program*

Summer 2018 – Present

- Mentored 10 incoming petroleum engineering students by promoting community and connecting students to valuable career and academic resources

SKILLS

Computer Skills: Python, Spotfire, WellView, XSPQC, SAP, Rodstar, XBAL, QRod, MS Excel

Certifications: H₂S Safety, Hazard Management, Defensive Driving, Helicopter Underwater Escape Training

HONORS

- Distinguished College Scholar, Engineering Honors Fall 2017 – Present
- SPE Paper Contest, Honorable Mention Spring 2019
- Active Member, Society of Petroleum Engineers (SPE) Fall 2017 – Present
- Engineering Ambassador, Cockrell School of Engineering Summer 2018 – Fall 2019
- Valedictorian Spring 2017