

# Herson Amaya

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## EDUCATION

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### Texas A&M University

Bachelor of Science in Petroleum Engineering, GPA: 2.70

College Station, Texas

Expected Graduation: Dec 2026

## PROFESSIONAL EXPERIENCE

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### FESCO, LTD

Field Technician – Lithium Recovery Project

Southwest Arkansas and Bryan, Texas

May 2025 – August 2025

- Supported a pioneering lithium extraction initiative from the produced brine in the Smackover Formation through a collaboration of a 5-person team to monitor temporary production equipment and ensure operational integrity
- Collected and analyzed gas and brine samples to assess chemical and physical properties through daily field/lab testing (H<sub>2</sub>S, ORP, pH, Turbidity, Fluid level assessment using acoustic well sounder technology, and monthly C<sub>6+</sub> gas analysis)
- Contributed to process optimization through accurate data collection and reporting

Production Tester Assistant/Lab Technician

May 2024 – August 2024

- Collected gas and pressurized liquid samples for testing protocol including simulated PVT, environmental and flash studies
- Conducted C<sub>6+</sub> and C<sub>7+</sub> gas analysis in the hydrocarbon laboratory
- Assisted with field operations for frac, drill-out and flowback operations and equipment mobilization in East Texas for Aethon Energy and a lithium recovery project for ExxonMobil in Southwest Arkansas

### BP Sophomore Experience

Trading & Shipping

Chicago, Illinois

June 2023

- Explored operations and trading culture through trading simulation, case studies and presentations

### Lowe's Home Improvement

Receiver/ Stocker

College Station, Texas

April 2022 – September 2022

- Safely unloaded, moved, and stocked \$20,000+ worth of merchandise from incoming freight
- Interacted with customers and aided with locating products on the sales floor

### The Home Depot

Sales Associate

Houston, Texas

April 2021 – August 2021

- Took the initiative to learn unique features and applications of various products to better help customers
- Arranged new merchandise with signage and appealing displays to increase customer sales
- Built and maintained relationships with peers and upper management to drive team success

### Climate Services

HVAC Apprentice

Houston, Texas

February 2019 – July 2020

- Ensured safe & efficient unloading of \$3,000+ worth of equipment
- Maintained a safe working environment by properly executing HVAC guidelines and safety using PPE
- Serviced heating and air conditioning units for residential and commercial customers by connecting or disconnecting wiring, piping, and tubing using hand and power tools

## LEADERSHIP & INVOLVEMENT

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### Society of Petroleum Engineers

Secretary

College Station, Texas

April 2024 – April 2025

- Compile and distribute daily event notification/deadline reminder emails, weekly newsletters, and leadership team meeting reminders
- Produced 2024 Annual Report for submission to SPEI, earning TAMU-SPE the Presidential Award for Outstanding Student Chapter

Tailgating Committee & Social Events Committee Co-Director

June 2023 – May 2024

- Oversee, plan and coordinate tailgate event every home football game and social events throughout the school year
- Collected and managed sponsorship of \$15,000+ for equipment and materials
- Responsible for over \$6,000 worth of equipment

## SKILLS

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**Languages:** Bilingual Fluency in English and Spanish