

# ADRIAN TAVERA

atavera@utexas.edu · (713) 280 8884 · linkedin.com/in/adriantavera

## EDUCATION

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**The University of Texas at Austin**, Austin, Texas  
*Bachelor of Science: Petroleum Engineering*

*August 2025*  
*GPA: 3.4*

## SUMMARY

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Detail-oriented petroleum engineering student seeking a challenging internship opportunity in the energy sector to apply engineering skills and gain hands-on experience in reservoir analysis and production optimization.

## WORK EXPERIENCE

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**WSP USA**, Katy, Tx

*May - August 2024*

*Permitting/Drilling Engineering Intern*

- Created and managed approximately 500 wellbore schematics by extracting and inputting data such as casing, plugging, and perforation records from a well database into a UI tool for client reports.
- Specialized in Class 4 permits, ensuring accurate wellbore schematic generation by reviewing detailed well records.
- Collaborated with team members through weekly meetings and joint projects while also gaining brief experience working with Class 6 permits.

**Acumen Fiscal Agent**, Houston, Tx

*August 2022 - Present*

*Client Care Specialist*

- Assisted an individual with disabilities in their daily routines, including bathing, dressing, grooming, and meal preparation, while maintaining their dignity and respecting their preferences.
- Provided transportation to medical appointments and other essential outings, ensuring client's access to necessary healthcare services.

## PROJECTS

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**Reservoir Simulation Final Project**, Austin, Tx

*November - December 2023*

*Student*

- Collaborated within a team to develop a reservoir simulation tool for a petroleum engineering course, applying Python with packages such as numpy and matplotlib.
- Solved partial differential equations to model temperature distribution in subsurface reservoirs.
- Conducted analyses on velocity profiles and temperature distributions, demonstrating proficiency in coding, simulation, and problem-solving.

## LEADERSHIP & PROFESSIONAL DEVELOPMENT EXPERIENCE

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**ExxonMobil Spring Campus Externship**, Spring, Tx

*January 2024*

*Extern*

- Completed an in-person externship focusing on ExxonMobil's upstream operations, gaining insights into processes and technologies in the oil and gas industry.
- Engaged with recently hired engineers at ExxonMobil, obtaining firsthand information about their roles and experiences in upstream activities.
- Participated in discussions about the Energy Outlook and explored the new Low Carbon Solutions Business, aligning theoretical knowledge with industry trends.

**Society of Hispanic Professional Engineers (SHPE)**, Austin, Tx

*August 2022 - Present*

*Member*

- Actively participated in SHPE chapter activities, including meetings, workshops, and community outreach events.
- Leveraged SHPE resources, such as scholarships and leadership development programs, to enhance personal and professional growth.

## SKILLS & INTERESTS

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Languages: English, Spanish

Software: Microsoft Word, Excel, PowerPoint, Python

Eligible to work inside the U.S. with no restrictions.