

Reservoir Engineering Intern



The University of
Texas System

Department:	University Lands
Institution:	The University of Texas System Administration
Location:	In-person at 825 Town & Country Ln, Suite 1100, Houston, TX 77024
No. of Openings:	2
Hours per Week:	40
Work Schedule:	8AM-5PM
Compensation:	\$30/hour
On-Boarding:	May 19, 2025
Start Date:	May 19, 2025
Orientation:	June 2-4, 2025 in-person, in Austin TX
End Date:	August 12, 2025
Housing:	In-person interns and law clerks are responsible for their own housing
Required for Application:	Resume & Cover Letter
FLSA Status:	Non-Exempt
Benefits Eligible:	No

About UT System

For more than 140 years, The University of Texas System has improved the lives of Texans — and people all over the world — through education, health care, and research. The System consists of nine academic institutions, five health institutions, and The University of Texas System Administration. The institutions of the UT System employ more than 160,000 faculty, health care professionals, researchers, support staff, and student workers.

The UT System Administration is primarily based in Austin, Texas. It supports the missions of the System's 14 institutions by providing financial, legal, planning, purchasing, government relations, communications, development, and other central services. Serving a growing state, the UT System Administration strives to provide a welcoming, supportive work environment that embraces different perspectives - not only because it enables the organization to be stronger, creative, and thoughtful, but because it is the right thing to do. To that end, the UT System Administration embraces state laws on [military](#) and [former foster children](#) employment preferences.

About University Lands

Established by the Texas Constitution in 1836, [University Lands](#) is based in Houston and manages over 2 million acres of land for The University of Texas and Texas A&M University System.

About the Internship

The University of Texas System Internship (UTSI) is a paid 10-week program that dovetails project-based work experience with a robust [professional development program](#), mentoring and opportunities for self-reflection.

[More Information](#)

Program Goals

- Contribute to UT student career development & success through real work experience
- Develop collaboration skills for our evolving workforce
- Offer hands-on experience in the student's field/function of study
- Provide a safe environment for professional development

Learning Objectives

Students will have the opportunity to develop their skills in (1) public speaking, (2) business writing, (3) interpersonal communication & emotional intelligence, (4) project management, (5) networking and (6) petroleum engineering as well as (7) enhance their understanding of the field of higher education.

Position Description

The Reservoir Engineering interns will work within the UL Natural Resources Development (NRD) team to optimize field development plans in the unconventional reservoirs in Permian Basin on UL Acreages.

Qualifications

Ph.D./M.S. students in Reservoir Engineering. The ideal candidate is a detail oriented with strong analytical and strong reservoir simulation skill sets including unconventional reservoir development knowledge and experience. Petrel experience is necessary.

Data science knowledge and Python coding are needed for at least one of the internship vacancies to optimize parent-child well spacing optimization with existing wells and their performance data.

Preferred Qualifications

EOR (Compositional Modeling) experience, geomechanics (Hydraulic Fracturing modeling), and/or data science with Python coding experience is a plus.

Knowledge, Skills & Abilities

The candidate must have proficient understanding of unconventional reservoirs including current field development technologies, completion designs, and well performance data analysis. Candidate's dissertation research projects focus on reservoir simulation, EOR, with some knowledge in geomechanics. Preferred candidates are very skilled in using Petrel package.

Working Conditions

Work is performed in an office environment. Uses personal computer and other standard office equipment. Requires occasional travel, and evening or weekend hours.

Additional Requirements

- **Professional Development Program (PDP):** PDP sessions take place every Tuesday from 1-2:30PM CT. PDP sessions are *MANDATORY*. Students who will be taking classes or have other work/academic obligations at this time during the program dates should not apply.
- **Residency:** ALL interns & law clerks, including those working remotely, **must reside in the state of Texas** for the duration of the program.
- **Intern & Law Clerk Summit:** ALL interns and law clerks must be available to attend an in-person Orientation in Austin June 2-4 and an in-person Summit in Austin July 28-30. (Transportation and accommodations are provided by UT System.)

This position is not eligible for employee benefits including, but not limited to, insurance, leave, holidays, and longevity pay. For information about eligibility, visit Active Employees Eligibility <https://www.utsystem.edu/offices/employee-benefits/insurance-0/eligibility>.

A background check will be conducted on candidates under final consideration. The background check may include any or all of the following: criminal history check, prior employment verification, education verification, professional references check, and motor vehicle records check. Background checks are conducted by third-party vendors. Upon request from the third-party vendor, candidates under final consideration must provide the required information for the background checks to be completed.

The University of Texas System Administration is a federal contractor committed to providing equal employment opportunity for all qualified applicants and employees in all terms and conditions of employment. U. T. System will

provide equal employment opportunity to all qualified persons and will not discriminate on the basis of race, color, sex, sexual orientation, gender identity/expression, pregnancy, religion, national origin, age, disability, genetic information, protected veteran status, or any other characteristic protected by federal or state laws. For information on accommodations for individuals with disabilities, please contact the Office of Talent and Innovation at oti@utsystem.edu.

Please direct questions to UTSI@utsystem.edu.