

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 NOTE: In-person means the intern is expected to live in the city where the office is located. Schedule may be hybrid with some days work from home and some days on-site.
No. of Openings:	3
Hours per Week:	40
Work Schedule:	8AM-5PM
Compensation:	\$30/hour
Orientation:	May 30 & 31, 2024
Start Date:	May 16, 2024
End Date:	August 16, 2024
Housing:	In-person interns are responsible for their own housing Position is located in Houston, TX
Required for Application:	Resume & Cover Letter
FLSA Status:	Non-Exempt
Benefits Eligible:	No

About UT System

Established by the Texas Constitution in 1876, The University of Texas System consists of nine academic and five health institutions. [The University of Texas System Administration](#) is based in Austin, TX and is responsible for the central management and coordination of the fourteen institutions.

About University Lands [Click or tap here to enter Department Name.](#)

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

About the Internship

The University of Texas System Internship (UTSI) is a paid 10-week program (Reservoir Engineering program is 12-weeks) 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 a diverse, multi-generational workforce
- Offer hands-on experience in the student's field/function of study
- Provide a safe learning 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

Reservoir Engineering Numerical Simulation Interns

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 candidates must have great understandings on unconventional reservoirs including current field development technologies, completion designs, and well performance data analysis. His/her 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.

How to Apply

Apply online at: https://utsystemck.gov1.qualtrics.com/jfe/form/SV_8xiZtbCXnT3KXs

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 Summit in Austin July 30 & 31. (Transportation and accommodations are provided by UT System.)

This position is security sensitive and subject to Texas Education Code 51.215, which authorizes the employer to obtain criminal history record information.

Equal Opportunity/Affirmative Action

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.