

WANRU LI

Austin, TX (Willing to Relocate) | (832) 269-9697 | li.wanru@utexas.edu | www.linkedin.com/in/wanru-li01 | www.wanruli.com

OBJECTIVE: First-year Petroleum Engineering student seeking an on-site Summer 2026 internship to gain hands-on experience in field operations.

EDUCATION

Bachelor of Science, Petroleum Engineering **May 2029**
Engineering Honors Program
The University of Texas at Austin
GPA- 4.000/4.000

EXPERIENCE

Undergraduate Research Assistant, University of Texas RAPID Consortium *Austin, TX* **Feb. 2026 – Present**

- Review field-tested research on automated hole cleaning and wellbore stability monitoring systems.
- Support development and technical documentation of a laser-based sensor for automated cuttings and cavings identification.
- Assist in improving workflow reproducibility for drilling data analysis and classification systems.

Summer Intern, University of Texas Marine Science Institute *Port Aransas, TX* **Jun. 2024 – Jul. 2024**

- Developed and presented biodegradation research proposal; conducted supporting lab analysis and field sample collection.
- Performed FTIR polymer analysis and assisted multi-lab environmental research projects.

LEADERSHIP & ACTIVITIES

Finalist, UT PGE 6th Annual Energy AI Hackathon (Top 13 of 45 Teams) **Jan. 2026**

- Developed Python-based machine learning workflow to predict three-year cumulative oil production for preproduction wells using well logs, facies maps, and historical production data.
- Applied physics-informed feature engineering (RQI, FZI), model tuning, and uncertainty quantification to generate probabilistic forecasts for 12 new wells.
- Presented technical findings to faculty and industry professionals under a 48-hour deadline; achieved 1st in Code Rank and 4th in Presentation.

Fourth Place Overall, Noble Corporation Co-Innovation Challenge **Sep. 2025 – Oct. 2025**

- Coordinated and led 5 project meetings and established communication channels with Noble Corporation employees to ensure effective collaboration.
- Designed and assembled presentation, ensuring clear communication of technical findings and proposed solutions.
- Observed offshore drilling and marine systems aboard the Noble BlackRhino, gaining exposure to rig equipment, safety protocols, and operational workflow.

President, National Honor Society **Sep. 2024 – May 2025**

- Led mentoring initiative pairing 12 juniors with seniors; organized 9 community service events and coordinated volunteer logistics.

ADDITIONAL

- Freshman Representative, Women in Geosystem & Petroleum Engineering 2026
- Student Advisory Council Member, Kay Bailey Hutchison Energy Center 2026
- Team Lead, The Project – UT Austin’s Largest Day of Service *Austin, TX* 2025
- **Language Fluency:** Fluent in Mandarin and English
- **Work Eligibility:** U.S. Citizen