

Chaim Rosen

(832) 274-3597 | csr2248@utexas.edu | [in](https://www.linkedin.com/in/chaimrosen) <https://www.linkedin.com/in/chaimrosen>

Objective: Seeking a full-time petroleum engineer position in the energy sector. Proven ability to deliver results in both team and individual settings. Dependable and reliable, ready to learn and grow with your company. Willing to relocate.

Education

Master of Science, Petroleum Engineering

The University of Texas at Austin

Overall GPA: 3.89/4.00

Expected graduation May 2025

Bachelor of Science, Petroleum Engineering

Business Minors

The University of Texas at Austin

Overall GPA: 3.91/4.00

May 2021

Relevant Coursework: Advanced Petrophysics, Formation Evaluation of Unconventional Reservoirs

Professional and Research Experience

Reservoir Engineering Intern/Hilcorp

May 2024 – August 2024

- Conducted a comprehensive field study on a mature field in Louisiana, focusing on evaluating the remaining drilling and recompletion potential in two key reservoir sands.
- Collaborated with geologists to perform reservoir characterization and production analysis; assessed the project's economic potential using production forecasts, recovery factors, and present value metrics, leading to the recommendation of an optimal recompletion strategy with a \$749M capital investment and a present value (PV-10) of \$1.4MM.
- Delivered final project findings and recommendations to the CEO, SVPs, and asset team leaders, contributing to the decision-making process for future development plans, with execution of the workover scheduled for October 2024.

Teaching Assistant/The University of Texas at Austin

January 2024 – Present

- Assisted in the following courses: Properties of Petroleum Fluids, Reservoir Engineering II, and Resource Economics & Valuation.
- Conducted weekly lab sessions for over 20 students in Properties of Petroleum Fluids.
- Enhanced grading accuracy and consistency through the introduction of a comprehensive homework rubric, resulting in improved student performance on quizzes and exams compared to the previous year.

Graduate Research Assistant/The University of Texas at Austin

August 2023 – April 2024

- Conducted research on CO₂ capture with novel solutions, with a focus on incorporating surface activity for enhanced efficiency and environmental impact, resulting in an increase in bicarbonate generation.
- Collaborated in a team of three to employ modeling techniques to assess the thermodynamic properties of organic carbonate mixtures, investigating viable pathways for carbon capture through thermal swing, pressure swing, and composition swing.

Administrative Coordinator/HaoKun Financial Consultant Company

May 2019 – August 2019

- Maintained office calendar and coordinated over 200 appointments and meetings with efficiency and attention to detail.
- Resolved customer inquiries and complaints with timeliness and professionalism, leading to an increase in customer satisfaction ratings per visit.

Leadership and Community Involvement

Teaching Assistant for Students with Special Needs/ GUANGZHOU NO.2 CHILDREN'S PALACE, May 2013 – May 2017

- Volunteered weekly during summer to teach students.
- Adapted lessons and activities to meet the needs of each student.

Skills and Certifications

- Advanced: Prosper | Harmony | WellTest | Techlog | Microsoft Office Suite
- Intermediate: Petra | PVTsim | Qrod | KAPPA-Workstation | MATLAB
- Languages: Chinese (Fluent) | Cantonese (Fluent)
- Enverus Certified Specialist
- ComboCurve Deal Evaluation Certificate of Completion
- HSBC Wealth and Personal Banking Job Simulation Certificate of Completion

Awards and Honors

- 2024 James D. Henry Endowed Graduate Fellowship
- 2023 Cockrell School of Engineering Multi-Year Fellowship
- 2023 T. W. Whaley, Jr. Friends of Alec Endowed Scholarship
- 2020 W. Blair Scott, Jr. Endowed Presidential Scholarship
- 2020 Petroleum and Geosystems Engineering Scholarship from ConocoPhillips Company
- 2019 Hildebrand PGE Scholarship from Schlumberger
- 2019 W. Blair Scott, Jr. Endowed Presidential Scholarship
- 2018 Harry Trueblood Foundation Scholarship
- 2018 W. Blair Scott, Jr. Endowed Presidential Scholarship
- 2017 Petroleum and Geosystems Engineering Scholarship from EOG Resources