

ELVIN ISMAYILOV

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PROFILE

I am a master's student in Petroleum Engineering with four years of field experience as a wellsite geologist. Comfortable working with data, sensors, laboratory procedures, and real-time monitoring. I enjoy hands-on technical work and supporting operations teams.

Eligible for **part-time CPT now** and **full-time OPT after May 2026**.

EDUCATION

M.S. Petroleum Engineering, University of Oklahoma — *Expected May 2026*

- Research: Hydrogen production from biomass using numerical modeling
- GPA: 3.66

B.Eng. Petroleum Engineering, Baku Higher Oil School — 2020

TECHNICAL SKILLS

- **Lab & QA/QC:** Sampling, documentation, safety procedures, basic equipment checks
 - **Instrumentation:** DAQ systems, LabVIEW, sensor integration, real-time parameter tracking
 - **Programming & Data:** Python, SQL, data cleaning, visualization
 - **Engineering Tools:** TechLog, Petrel, CMG/Eclipse, well monitoring
 - **General:** Field operations, shift work, teamwork, safety awareness
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EXPERIENCE

Wellsite Geologist — SOCAR AQS (2020–2024)

- Monitored drilling and formation data on more than 15 wells in the South Caspian Basin.
- Collected samples, kept daily records, and checked data accuracy during operations.

- Interpreted real-time drilling parameters and reported abnormal trends to supervisors.
 - Worked closely with drilling and reservoir engineers on optimizing well plans.
 - Help train junior staff and support safety and reporting requirements.
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PROJECTS & COURSEWORK

- **Sensor & DAQ Integration (University):** Connected pressure sensors to DAQ hardware, built LabVIEW blocks, and checked signal consistency.
 - **Time-Series Data Project:** Created a small Python model for detecting unusual patterns in large datasets (~50k rows).
 - **Hydrogen Production Research:** Modeling biomass-to-hydrogen reactions and analyzing process behavior.
 - **Reservoir Simulation:** Used CMG/Eclipse to study production scenarios and evaluate recovery strategies.
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CERTIFICATIONS

- Drilling Fluids Technology — Baku Drilling School
 - Data Analysis — Datalent
 - Introduction to Programming (CS50x) Harvard University
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ADDITIONAL

Languages: English, Azerbaijani, Russian

Based in Norman; able to commute to Wynnewood or relocate if needed.