

Natalie Kongable

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[LinkedIn](#)

Summary

M.S. Geophysics graduate with hands-on internship experience in seismic interpretation, reservoir evaluation, and subsurface modeling. Skilled in integrating geophysical and geological data to support exploration and development projects. Strong communicator with proven leadership in research, teaching, and student organizations.

Education

University of Oklahoma | Norman, OK

M.S. Geophysics | GPA: 3.88 | Aug 2023 – May 2025

Thesis: Anisotropy of Magnetic Susceptibility (AMS) Analysis of Colorado Front Range Clastic Dikes

Iowa State University | Ames, IA

B.S. Geology | GPA: 3.59 | Aug 2020 – Jul 2023

Minor: Meteorology

Industry Experience

Geophysics Summer Intern | ConocoPhillips – Anchorage, AK

Jun 2025 – Aug 2025

- Delivered a full-cycle subsurface evaluation of a structurally complex Alaska North Slope turbidite prospect, meeting a 10-week project deadline.
- Expanded well correlation framework into genetically equivalent depositional packages, refining reservoir architecture.
- Utilized pre-stack elastic inversions and amplitude analysis to map turbidite extent and predict depositional elements.
- Modeled volumetric and development concepts, supporting well plans between 5-14 horizontal producers and injectors.
- Performed synthetic seismic modeling to test sensitivity to porosity and fluid variations, guiding reservoir risk assessment.

Geoscience Summer Intern | Southwestern Energy – Spring, TX

May 2024 – Aug 2024

- Interpreted 630 sq. miles of 3D seismic in the Haynesville-Bossier Basin to identify drilling hazards.
- Generated amplitude and coherence attributes to delineate faults and channels with higher confidence.
- Integrated fault interpretations into drilling risk assessments, improving lateral placement strategies.
- Conducted preliminary evaluation of well performance relative to new seismic interpretations.
- Gained field exposure through a visit to Haynesville drilling, completions, and production site.

Graduate Teaching Assistant | University of Oklahoma – Norman, OK

Aug 2023 – May 2024

- Co-led a Structural Geology course of 21 students, facilitating labs, grading, and developing instructional materials.
- Supported 50+ students in Introduction to Geology labs, held office hours, organized review sessions, and provided one-on-one academic support.

Leadership

OU SEG Student Chapter President | Norman, OK

Aug 2024 – May 2025

- Coordinated officer meetings, professional networking events, and student participation in IMAGE, regional GSA, and field trips.
- Strengthened student engagement by collaborating with the AAPG student chapter and department faculty.

Youth Dance Instructor | Norman, OK

Feb 2025 – May 2025

- Taught and choreographed classes for 45 students across three age groups, developed teamwork, confidence, and leadership skills while coordinating assistant instructors and recital performances.

Youth Soccer Coach | Ames, IA

Sep 2022 – May 2023

- Fostered teamwork, confidence, and communication skills through soccer training for young children (aged 5-6) while maintaining a timeline and minimizing team conflict.
- Managed and delegated tasks during soccer tournaments for teams from around the state and 50-100 children.

Skills

Software: Kingdom, Petrel, RokDoc, GeoX, AASPI, ArcGIS Pro, QGIS, Google Earth Pro, Microsoft Office, Google Workspace, Python, Fortran90, GitHub

Technical: 3D seismic interpretation, well log correlation, geologic field mapping, petrographic analysis, synthetic seismic modeling, data analysis and interpretation

Professional: Written and verbal technical presentation, report writing, collaboration, leadership, adaptability, time management