

Curriculum Vitae

Personal Information

Name: Zeye Wang

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PhD Application Target: Geophysics / Petroleum Geoscience (Fall 2026)

Education

MSc in Petroleum Geoscience, University of Manchester, UK (2024.09 – 2025.09)

BSc in Geophysics, China University of Petroleum (Beijing), China (2020.08 – 2024.06)

Undergraduate Thesis: Tectonic Evolution of the North-Central Qiangtang Basin, Northern Tibet – Based on Zircon U-Pb Geochronology

Research & Projects

- MSc Project: Gemsbok - Virtual Outcrop to Analogue Architectural Model
Used field logs and drone-based 3D virtual outcrop models from the Tanqua region, South Africa, to characterize deep water stratigraphy and develop analogue reservoir models.
- Undergraduate Field Project: Tectonic Survey in the North-Central Qiangtang Basin
Applied zircon U-Pb dating and tectonic mapping to analyze the structural evolution of the basin.
- Qinhuangdao Field Geophysical Survey
Conducted EM, broadband seismic, nodal seismic, and gravity exploration with researchers from CAS and Northeast Petroleum University.
- Field Studies: Wessex Basin & Derbyshire
Participated in sedimentological and structural field analysis; collaborated with Shell researchers.

Skills

Programming: Python, C++, Matlab, Linux

Geoscience Software: Petrel, ArcGIS, GeoEast

Data Tools: Adobe Illustrator, Signal Processing

Research Interests

Deep-water sedimentary systems, seismic interpretation, geophysical signal processing, reservoir modeling, tectonic evolution, and computational geoscience.