

# BRENO GOLDENBERG ARAUJO

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## EDUCATION

- M.S. in Geology** May 2026  
University of Houston, Houston, TX
- Thesis: "Relative contributions of turbidites and contourites in a Pliocene deep-water drift deposit, offshore West Antarctica."
- B.A. in Geology** May 2024  
University of Colorado Boulder, Boulder, CO
- Research: "Exploring possible crustal xenoliths localities in the Southern Rocky Mountain Region: Henry Mountain, Utah and Elk Range, Colorado."

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## EXPERIENCE

- Graduate Teaching Assistant**, University of Houston, Houston, TX January 2025 - Present
- Supported instruction for 500+ student undergraduate geology course.
  - Evaluated/graded homework assignment, maintaining consistency and timely feedback.
  - Provided one-on-one and group tutoring in the Geology Learning Center.
  - Facilitated engagement and clarified complex concepts to improve outcomes.
- Exploration Geoscience Intern**, TotalEnergies, Pau, France June 2025 - August 2025
- Identified/mapped 3 key seismic stratigraphic events in seismic/well sections, improving interpretation.
  - Generated/interpreted 3 sets of regional structure, isopach, difference, variance and post-well result maps.
  - Evaluate stratigraphic thickness variations and major structural trends across deepwater Angola.
  - Analyzed >90 well reports to identify lithology, depositional environments, and facies distribution.
  - Helped to develop Gross Depositional Environment (GDE) map for key stratigraphic intervals, resulting in early, direct impact of presentation to senior management.
  - Updated paleoenvironment/lithology database for 30+ wells, streamlining future GDE mapping.
- Geoscience Intern**, TGS, Houston, TX May 2023 - August 2023
- Interpreted seismic data using Kingdom SMT software.
  - Calculated/interpreted various seismic attributes in 2D data for the equatorial margin.
  - Performed lead/prospect analysis to compile a target library in the region.
  - Merged/infilled/QC'd legacy sub-basin interpretations to create Mega-regional interpretation products.
  - Generated/analyzed regional structural and isopach maps using ~250,000 kms of high-resolution 2D seismic data.
- Geoscience Intern**, Benthic LLC, Houston, TX May 2022 - August 2022
- Reviewed/planned execution of offshore geotechnical site investigation bids.
  - Analyzed soil data and compared it to historical productivity metrics to assess risks.
  - Assessed offshore team productivity to optimize cost planning.
  - Developed/scheduled material workups for pricing and operational planning.
  - Produced graphical reports of bid review results for management review.
  - Conducted quality control inspections on drilling tools.
  - Assisted in managing the FileMaker database, bill of materials (BOM), and part information.

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## SKILLS

- **Technical Software:** Kingdom SMT, Petrel, Sismage; Adobe Illustrator & Photoshop; Microsoft Office Suite.
- **Geoscience:** Seismic interpretation; Well log analysis & database management; GDE mapping; Basin/play types.
- **Languages:** Portuguese (fluent), English (fluent), Spanish (advanced).
- **Professional Skills:** Time management; Organization; Dependable team player; Fast learner; Growth mindset.

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## ADDITIONAL INFORMATION

- Triple citizenship: Portuguese, Brazilian and British.
- F-1 Visa status.
- Played competitive waterpolo on a high level since a young age.