

Peter Douglas

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(303) 905-7770

Denver, CO 80202

EDUCATION

Bachelor of Science in Geological Engineering (*Remote*)

June 2026

University of North Dakota, Grand Forks, ND

GPA: 3.94/4.0

Coursework in Geological Engineering (*medical withdrawal*)

Jan 2015-Dec 2016

Colorado School of Mines, Golden, CO

PROFESSIONAL EXPERIENCE

Engineering Intern

June-Aug 2024

Paterson & Cooke, Golden, CO

- Built a Python Dash web interface and SQL database for rheology data to support slurry pipeline projects, delivering a working internal tool in 8 weeks.
- Laid groundwork for predictive modeling capabilities in future projects

AI Evaluator

Aug 2023-June 2024

Appen/RaterLabs, Denver, CO

- Assessed Large Language Model (LLM) outputs and provided structured feedback to improve accuracy, coherence, and usability.

Medical Leave of Absence

Jan 2017-July 2023

- Medical leave of absence from school and work. Successfully navigated significant medical challenges to resume academic and professional pursuits

Regional Manager, USA Operations

July 2013-Dec 2016

JCPDS LLC, Englewood, CO

- Provided logistical coordination for procurement and international shipment of drilling fluid additives for JC Portal Drilling Supplies
- Oversaw business finances and operations

Records Technician Assistant

July 2007-Nov 2012

Newmont Mining Corporation, Greenwood Village, CO

- Contributed to building a Global Exploration Database of records from Newmont's worldwide operations
- Organized and standardized complex exploration records metadata through systematic research and analysis

VOLUNTEER AND LEADERSHIP EXPERIENCE

Vice President, SEG UND Student Chapter

Apr 2025-Present

- Elected student chapter VP for the Society of Exploration Geophysicists
- Coordinating events and outreach with other geoscience student organizations

Mathematics Tutor, EnCorps STEMx Tutoring Program

Sept 2024-June 2025

- Provide consistent weekly one-on-one math tutoring to underserved middle school students, building foundational STEM skills
- Collaborate with program staff to support ongoing student progress

SKILLS

Programming and Data: Python (Dash, Pandas, NumPy, Jupyter Notebooks); SQL; Excel

Analysis: Data cleaning, EDA, sensitivity screening in Python, Python- and Excel-based workflows

Tools: Microsoft Office; ArcGIS (basic); Git/GitHub (basic)

Currently Learning: Introductory machine learning; TH/THM fundamentals & reservoir modeling (OpenGeoSys); surrogates; UQ (LHS/Sobol)