Peter Douglas

peter.a.douglas@gmail.com   (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)