

Brady Graham

bgraham1028@gmail.com • (940) 605-5555 • www.linkedin.com/in/brady-graham



SUMMER 2024

KBH Energy Center

June 2024 - August 2024

Energy Management Program

Austin, TX

- Completed a full-time Energy Management program, gaining comprehensive knowledge of upstream, midstream, and downstream sectors, electricity markets, CAPEX, OPEX, and PPAs, while building a strong foundation in land acquisition, mineral rights, energy law, and policy
- Engaged with industry professionals to explore current challenges in the energy sector and visited leading companies, gaining valuable insights into both the technical and business aspects of strategic decision-making in oil, gas, and electricity sectors

EXPERIENCE

University of Texas at Austin

August 2024 - Present

Undergraduate Research Assistant

Austin, TX

- Develop and implement image analysis algorithms for 2D grayscale digital rocks images using Python
- Designed a novel method to quantitatively assess image quality for digital images before usage in algorithms
- Perform feature extraction and segmentation to enhance microstructural analysis of rock samples
- Collaborate with fellow researchers to optimize workflows and apply algorithms to a dataset of 1,000+ samples

University Housing and Dining

March 2023 – May 2024

Student Dining Assistant

Austin, TX

- Adapted quickly to various roles with minimal training, ensuring smooth operations
- Maintained professionalism while interacting with staff and customers in a fast-paced environment
- Worked collaboratively with colleagues to improve efficiency in food preparation and service

Impressions Screen Printing

January 2018 – August 2023

Associate

Wichita Falls, TX

- Assisted in daily operations, including order fulfillment and design creation for clients
- Communicated with customers professionally, ensuring clear expectations and satisfaction
- Managed production workflow, including monitoring and repairing automated press operations
- Maintained high quality control standards, ensuring timely and accurate order completion

EDUCATION

The University of Texas - Austin

May 2026

Bachelor's of Science in Petroleum Engineering

Cumulative GPA: 3.45

Major GPA: 3.72

- Energy Management Minor
- Computational Science and Engineering Certification
- Study Abroad – Paris, France & Dubrovnik, Croatia
- University Honors 2024

- **Organizations:** Delta Sigma Phi (Chairman of Standards Board), Society of Petroleum Engineers, American Association of Drilling Engineers

PROJECTS

PGE Energy Hackathon 2024

- Led team in exploratory data analysis, feature selection, and engineering
- Developed a voter regression model leveraging linear regression and gradient boosting